Manitoba Immunization Report

Manitoba Immunization Monitoring System (MIMS)

Annual Report 2002

COMMUNICABLE DISEASE CONTROL

Public Health Branch
Manitoba Health

Manitoba
Building for the Future

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1. Overview

Data in this report are from the Manitoba Immunization Monitoring System (MIMS). These data reflect immunization service dates up to and including December 31, 2002 and entered into MIMS by April 2003. Immunization records are derived from physician billing claims and from manual entry of public health provided immunizations.

As per other MIMS annual reports, the following criteria are incorporated into the data analysis:

1. Immunization service dates are based on the calendar year January 1, 2002 – December 31, 2002, rather than the fiscal year.
2. Coverage rates by age reflect a client's status on his/her birthday.
3. Coverage reports reflect doses a client has received from birth until his/her selected birthday. For example, coverage at age two selects all children who turn two in the calendar year and assesses these children for recommended vaccines on their birthdays. Doses administered to children after each of their selected birthdays will not be reflected in the coverage report.
4. Analysis of coverage by continuously versus non-continuously enrolled clients. A client who is considered "continuous" has been registered for Manitoba Health benefits since birth; non-continuously enrolled clients have moved to Manitoba from another jurisdiction, or if born here have moved out of Manitoba and then back again. Note: Immunization coverage reports produced by the Manitoba Centre for Health Policy include only continuously enrolled clients.
5. Complete coverage for select ages, i.e., the client has received all the recommended doses of each antigen recommended for his/her age.
6. Coverage rate by select antigen in order to assess clients who may have received vaccines not available in Manitoba: of particular importance for clients who have moved into Manitoba from another country; also important for tracking coverage rates when the combination vaccines available in Manitoba change.
7. Coverage rate by community area (for Winnipeg RHA only) or by regional health district (all other RHAs). Regional health authorities will receive these data sets for their region only.
8. FNIHB (First Nations and Inuit Health Branch) versus non-FNIHB population, with this indicator based on client self-identification at the time of enrollment for Manitoba Health benefits (A-code). FNIHB estimates that this indicator represents approximately 65 per cent of the FNIHB population. Audits indicate that gaps exist between immunizations administered to FNIHB clients (as documented on paper records) versus those data entered into MIMS. Coverage rates for FNIHB clients are therefore, in general, likely higher than those generated from MIMS data.
9. Separate dosage by provider type reports from coverage reports. These reports reflect the volume of immunizations delivered by each provider type, based on provider RHA. Their usefulness relates to evaluating staffing or projecting workload by vaccine type. The 2002 report reflects vaccines administered from January 1, 2002 – December 31, 2002 and entered into the system by April 2003.

Additional details on the timing and criteria for data inclusion and exclusion are provided in "Description of Criteria for MIMS Annual Reports" (see page 3).

2. Description of Criteria for MIMS Annual Reports

MIMS Dataset Preparation (numerator)

- The MIMS dataset used is a monthly snapshot of the MIMS live database provided by Manitoba Health's Information Services Branch (ISB). For annual reports, the April snapshot following the end of the calendar year is used. As the MIMS dataset is dynamic, each monthly snapshot includes all previously entered data up to the time the output dataset is created.
- The MIMS data is linked to the Manitoba Health registry to access the municipality where the patient resides. This information is used with the MIMS patient postal code to generate the patient RHA. This corresponds to the methodology used to allocate geography in the denominator dataset.
- The MIMS dataset is queried for those records with a service date prior to the end of the calendar year and where the service date is not '00000000' (i.e., unknown).
- The calendar year and report date are appended to the dataset.
- The age of the patient is calculated as of his/her birthday within the calendar year.
- The health coverage status (i.e., continuous versus non-continuous coverage) is derived using the coverage date and cancel date from the curren Manitoba Health registry.
- First Nations status is based on self-declaration by the individual at time of registration with Manitoba Health.

Population Dataset (denominator)

- The corporate Manitoba Health population dataset is used.
- The age of the individual is as of his/her birthday within the calendar year.
- The population used is based on the figure for June 1 within the calendar year.
- The health coverage status (i.e., continuous versus non-continuous coverage) is derived using the coverage date and cancel date from the current Manitoba Health registry.
- After 1995/1996, the geographical location of the individual is derived within the corporate system by ISB. It follows the same methodology as for the MIMS dataset.
- First Nations status is based on self-declaration by the individual at time of registration with Manitoba Health, following the same methodology as for the MIMS dataset.

NOTE: MIMS geography is determined as of April, following the report year; the population geography is determined as of June 1 during the report year. As a result, coverage rates are occasionally greater than 100 per cent.

Creation of Reports

1. Report 4.1 and 4.2 – Childhood Antigen Reports

   - The MIMS subset is queried for the following criteria:

     Age => 1, 2, 7, 11, 17 (only where age equals these ages, ex: for one year olds MIMS is queried on the birth date of all children who turn one year of age within the calendar year).

     Antigens => diphtheria, tetanus, pertussis, measles, mumps, rubella, polio, Hib, varicella, hep B, MCV, PCV (all tariffs associated with the antigens, currently and historically, are included).

   - Immunizations administered throughout the child's lifetime up to and including his/her birthday are kept for coverage reports.

   - The data are summarized by id (scrambled PHIN), age, patient location and First Nations status, providing a count of services for each of the antigens for each individual. This allows an evaluation of complete versus incomplete immunizations, as recommended by the provincial schedule, per age group.

   - This dataset is linked to the population data for the rate calculations. Rates are calculated as follows:

$$\text{Rate/100} = \frac{\text{\# of individuals with complete immunization}}{\text{\# of individuals in population of same age}} \text{ X } 100$$

     Antigen-specific coverage calculations: A child must receive three doses of hepatitis B-containing vaccine to be counted in the HBV coverage data at any age. This is for "information" purposes only, as there is no provincial recommendation for HBV until grade 4.

     For measles coverage: a child must receive one dose of measles-containing vaccine by age two and two doses by age seven. As the requirement for mumps and rubella-containing vaccine is one dose in a lifetime, and MMR vaccine is the common source for two doses of measles antigen, mumps and rubella coverage rates are higher than measles from age seven and up.

     Hib doses are reflected in coverage for children at age one (three doses required), ages two and seven (four doses required). Hib is included for children at age 11 and 17 (four doses) for "information" only, as there is no provincial recommendation for Hib vaccine once children reach age 11. Hib is therefore not included in "complete for age" requirements for children after the age of seven (doses required = 0).

     Varicella, meningococcal conjugate and pneumococcal conjugate vaccines coverage rates reflect children receiving *one or more doses*, as in 2002 these vaccines were not a part of the recommended childhood schedule.

2. Report 4.3 – Coverage by Registration Status

- The MIMS dataset created for the childhood coverage reports is used to perform an evaluation of complete versus incomplete immunizations, as recommended by the provincial schedule, per age.
- The health coverage status (i.e., continuous versus non-continuous coverage) is derived using the coverage date and cancel date from the current Manitoba Health registry.
- This MIMS coverage status dataset is linked to the population coverage status data for the rate calculations. Rates are calculated as follows:

$$\text{Rate/100} = \frac{\text{\# of individuals}}{\text{\# of individuals in population of same age}} \times 100$$

Doses Required to be "Complete for Age"

Antigen	Age				
	1	2	7	11	17
Tetanus	3	4	5	5	6
Diphtheria	3	4	5	5	6
Pertussis	3	4	5	5	5
Polio	2	3	3	3	3
Measles	0	1	2	2	2
Mumps	0	1	1	1	1
Rubella	0	1	1	1	1
HIB	3	4	4	0	0
HBV	0	0	0	0	0

NOTE: For Childhood Antigen and Complete for Age Reports the criteria used to determine complete for age reflect the routine immunization schedule. Reports cannot accommodate clients who are "late starters" and therefore require fewer doses of specific antigens.

3. Report 5 – Childhood Vaccine Dosage Report

(Note: not a coverage rate report)

- The MIMS subset created for the childhood coverage reports is used, but only those immunizations that occurred within the calendar year are used.
- A query is performed for doses administered for each vaccine by provider type (physicians, Public Health and others), provider location and First Nations status of the patient.
- This report gives a count of the immunizations administered by the different types of providers.

4. **Report 6 – Influenza and Pneumococcal Immunization Coverage**

   - The initial MIMS subset is queried for the following criteria:

     tariff = Influenza – 8791, 8792, 8793, 8799

     Pneumococcal – 8961

   - Age data are converted to age groups: under 65, under 65 high risk, over 65. Where a patient was under 65 and the reason variable is 2, the patient was classified as high risk.

   - For influenza, only those immunizations administered during the calendar year are used for the report.

   - For pneumococcal, the data are analyzed twice. The first round includes those immunizations administered during the calendar year. The second round includes all pneumococcal immunizations recorded over time as a cumulative coverage rate.

   - A query is performed by id (scrambled PHIN), age group, patient RHA and First Nations status, providing a count of services for each of the vaccines by id.

   - This dataset is linked to population data for the rate calculations. Rates are per 100 individuals. The same age groups are applied to the population data with the under 65 high-risk group defined as 11 per cent of the under 65 population.

5. **Report 7 and 8 – Influenza and Pneumococcal Vaccine Doses Administered, by Provider Type**

   (Note: not a coverage rate report)

   - The MIMS subset created for the influenza/pneumococcal coverage reports is used.

   - A query is performed to obtain doses administered for each vaccine by provider type (physicians, Public Health and others), reason for immunization and First Nations status of the patient.

6. **List of Abbreviations**

Pop	Population
Diphth.	Diphtheria
Tet.	Tetanus
Pert.	Pertussis
HIB	Haemophilus influenzae type b
HBV	Hepatitis B
V	Varicella
M	Meningococcal
P	Pneumococcal conjugate
DaPTP	Diphtheria, acellular pertussis, tetanus, polio
DaPTP/HIB	Diphtheria, acellular pertussis, tetanus, polio and Haemophilus influenzae type b
MMR	Measles, mumps, rubella
HEPA/B	Hepatitis A and B
TdaP	Tetanus, diphtheria, acellular pertussis

3. Acknowledgements

We are pleased to provide you with the 2002 MIMS Annual Report. Thank you to our partners for demonstrating patience during the extended development time required to standardize and produce this report. We hope it was worth the wait.

Special thanks to:

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Tara Mawhinney, MIMS Steering Committee Chair
Program Consultant
CDC Unit, Manitoba Health

4. Childhood Immunization Coverage Reports, January 1, 2002 – December 31, 2002

4.1 Coverage by Antigen, by Patient Location

- Manitoba
- By RHA

Notes:

All vaccines containing each antigen were selected in this report for coverage. For example, "HBV" (hepatitis B vaccine) reflects all doses administered to clients, including those from hepatitis A/B combination vaccine (Twinrix). "Measles" reflects all doses administered to clients of any measles-containing vaccine.

Coverage is based on all doses administered to clients up to and including the selected birthdate. Doses administered after the selected birthdate will not be reflected in the report. However, these doses will be counted when the child reaches the next selected age milestone.

Rate per 100 children is the calculated coverage rate.

The population is selected based on the client's address and, therefore, may not reflect the number of doses administered by a particular provider. For data by provider type, see Section 5, "Childhood Vaccine Doses Administered by Provider Type, by Provider Location."

Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2002

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
MANITOBA													
Age 1													
First Nations	2,011	1,175	1,175	1,176	55	55	57	1,562	1,083	7	0	0	1
Rate per 100 children		58.4	58.4	58.5	2.7	2.7	2.8	77.7	53.9	0.3	0.0	0.0	0.0
Non-First Nations	12,102	10,122	10,121	10,111	278	277	276	10,951	10,103	104	24	17	212
Rate per 100 children		83.6	83.6	83.5	2.3	2.3	2.3	90.5	83.5	0.9	0.2	0.1	1.8
Total for 1 year olds	14,113	11,297	11,296	11,287	333	332	333	12,513	11,186	111	24	17	213
Rate per 100 children		80.0	80.0	80.0	2.4	2.4	2.4	88.7	79.3	0.8	0.2	0.1	1.5
Age 2													
First Nations	2,005	962	962	958	1,534	1,533	1,580	1,508	886	7	0	1	1
Rate per 100 children		48.0	48.0	47.8	76.5	76.5	78.8	75.2	44.2	0.3	0.0	0.0	0.0
Non-First Nations	12,268	8,902	8,902	8,888	10,629	10,620	10,624	10,860	8,850	106	456	27	93
Rate per 100 children		72.6	72.6	72.4	86.6	86.6	86.6	88.5	72.1	0.9	3.7	0.2	0.8
Total for 2 year olds	14,273	9,864	9,864	9,846	12,163	12,153	12,204	12,368	9,736	113	456	28	94
Rate per 100 children		69.1	69.1	69.0	85.2	85.1	85.5	86.7	68.2	0.8	3.2	0.2	0.7
Age 7													
First Nations	1,967	1,129	1,129	1,111	1,388	1,870	1,871	1,714	1,275	5	0	0	0
Rate per 100 children		57.4	57.4	56.5	70.6	95.1	95.1	87.1	64.8	0.3	0.0	0.0	0.0
Non-First Nations	14,326	11,310	11,313	10,864	11,815	13,433	13,433	13,104	11,869	207	120	36	11
Rate per 100 children		78.9	79.0	75.8	82.5	93.8	93.8	91.5	82.8	1.4	0.8	0.3	0.1
Total for 7 year olds	16,293	12,439	12,442	11,975	13,203	15,303	15,304	14,818	13,144	212	120	36	11
Rate per 100 children		76.3	76.4	73.5	81.0	93.9	93.9	90.9	80.7	1.3	0.7	0.2	0.1
Age 11													
First Nations	1,919	1,136	1,136	1,078	1,159	1,765	1,780	1,601	84	729	0	286	0
Rate per 100 children		59.2	59.2	56.2	60.4	92.0	92.8	83.4	4.4	38.0	0.0	14.9	0.0
Non-First Nations	15,380	13,113	13,117	12,174	12,977	14,563	14,571	14,293	1,112	10,859	25	343	15
Rate per 100 children		85.3	85.3	79.2	84.4	94.7	94.7	92.9	7.2	70.6	0.2	2.2	0.1
Total for 11 year olds	17,299	14,249	14,253	13,252	14,136	16,328	16,351	15,894	1,196	11,588	25	629	15
Rate per 100 children		82.4	82.4	76.6	81.7	94.4	94.5	91.9	6.9	67.0	0.1	3.6	0.1
Age 17													
First Nations	1,548	337	339	674	885	1,087	1,257	1,054	2	16	0	370	0
Rate per 100 children		21.8	21.9	43.5	57.2	70.2	81.2	68.1	0.1	1.0	0.0	23.9	0.0
Non-First Nations	15,146	9,953	9,976	10,109	12,269	13,667	14,252	13,596	9	354	10	7,177	25
Rate per 100 children		65.7	65.9	66.7	81.0	90.2	94.1	89.8	0.1	2.3	0.1	47.4	0.2
Total for 17 year olds	16,694	10,290	10,315	10,783	13,154	14,754	15,509	14,650	11	370	10	7,547	25
Rate per 100 children		61.6	61.8	64.6	78.8	88.4	92.9	87.8	0.1	2.2	0.1	45.2	0.1

Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2002

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
10 - Winnipeg													
Age 1													
First Nations	457	297	297	298	7	7	7	388	293	1	0	0	1
Rate per 100 children		65.0	65.0	65.2	1.5	1.5	1.5	84.9	64.1	0.2	0.0	0.0	0.2
Non-First Nations	6,956	5,836	5,836	5,826	180	180	179	6,299	5,827	82	18	5	170
Rate per 100 children		83.9	83.9	83.8	2.6	2.6	2.6	90.6	83.8	1.2	0.3	0.1	2.4
Total for 1 year olds	7,413	6,133	6,133	6,124	187	187	186	6,687	6,120	83	18	5	171
Rate per 100 children		82.7	82.7	82.6	2.5	2.5	2.5	90.2	82.6	1.1	0.2	0.1	2.3
Age 2													
First Nations	472	264	264	262	383	383	385	393	253	2	0	0	1
Rate per 100 children		55.9	55.9	55.5	81.1	81.1	81.6	83.3	53.6	0.4	0.0	0.0	0.2
Non-First Nations	7,001	5,107	5,107	5,097	6,051	6,044	6,044	6,171	5,082	62	362	16	73
Rate per 100 children		72.9	72.9	72.8	86.4	86.3	86.3	88.1	72.6	0.9	5.2	0.2	1.0
Total for 2 year olds	7,473	5,371	5,371	5,359	6,434	6,427	6,429	6,564	5,335	64	362	16	74
Rate per 100 children		71.9	71.9	71.7	86.1	86.0	86.0	87.8	71.4	0.9	4.8	0.2	1.0
Age 7													
First Nations	419	242	242	238	266	392	392	380	302	3	0	0	0
Rate per 100 children		57.8	57.8	56.8	63.5	93.6	93.6	90.7	72.1	0.7	0.0	0.0	0.0
Non-First Nations	8,105	6,156	6,160	5,858	6,444	7,523	7,523	7,283	6,540	124	92	21	6
Rate per 100 children		76.0	76.0	72.3	79.5	92.8	92.8	89.9	80.7	1.5	1.1	0.3	0.1
Total for 7 year olds	8,524	6,398	6,402	6,096	6,710	7,915	7,915	7,663	6,842	127	92	21	6
Rate per 100 children		75.1	75.1	71.5	78.7	92.9	92.9	89.9	80.3	1.5	1.1	0.2	0.1
Age 11													
First Nations	382	275	275	260	252	364	364	349	30	172	0	20	0
Rate per 100 children		72.0	72.0	68.1	66.0	95.3	95.3	91.4	7.9	45.0	0.0	5.2	0.0
Non-First Nations	8,437	7,146	7,147	6,585	7,056	7,917	7,919	7,747	684	5,874	21	61	7
Rate per 100 children		84.7	84.7	78.0	83.6	93.8	93.9	91.8	8.1	69.6	0.2	0.7	0.1
Total for 11 year olds	8,819	7,421	7,422	6,845	7,308	8,281	8,283	8,096	714	6,046	21	81	7
Rate per 100 children		84.1	84.2	77.6	82.9	93.9	93.9	91.8	8.1	68.6	0.2	0.9	0.1
Age 17													
First Nations	267	56	57	96	120	168	222	162	0	9	0	121	0
Rate per 100 children		21.0	21.3	36.0	44.9	62.9	83.1	60.7	0.0	3.4	0.0	45.3	0.0
Non-First Nations	8,264	4,893	4,908	4,966	6,388	7,183	7,661	7,143	4	255	10	6,629	8
Rate per 100 children		59.2	59.4	60.1	77.3	86.9	92.7	86.4	0.0	3.1	0.1	80.2	0.1
Total for 17 year olds	8,531	4,949	4,965	5,062	6,508	7,351	7,883	7,305	4	264	10	6,750	8
Rate per 100 children		58.0	58.2	59.3	76.3	86.2	92.4	85.6	0.0	3.1	0.1	79.1	0.1

Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2002

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
15 - Brandon													
Age 1													
First Nations	48	31	31	31	0	0	0	42	30	0	0	0	0
Rate per 100 children		64.6	64.6	64.6	0.0	0.0	0.0	87.5	62.5	0.0	0.0	0.0	0.0
Non-First Nations	500	439	439	439	16	16	16	464	439	0	3	1	6
Rate per 100 children		87.8	87.8	87.8	3.2	3.2	3.2	92.8	87.8	0.0	0.6	0.2	1.2
Total for 1 year olds	548	470	470	470	16	16	16	506	469	0	3	1	6
Rate per 100 children		85.8	85.8	85.8	2.9	2.9	2.9	92.3	85.6	0.0	0.5	0.2	1.1
Age 2													
First Nations	56	24	24	24	47	47	47	46	24	0	0	0	0
Rate per 100 children		42.9	42.9	42.9	83.9	83.9	83.9	82.1	42.9	0.0	0.0	0.0	0.0
Non-First Nations	525	385	385	385	458	458	458	460	383	2	11	1	2
Rate per 100 children		73.3	73.3	73.3	87.2	87.2	87.2	87.6	73.0	0.4	2.1	0.2	0.4
Total for 2 year olds	581	409	409	409	505	505	505	506	407	2	11	1	2
Rate per 100 children		70.4	70.4	70.4	86.9	86.9	86.9	87.1	70.1	0.3	1.9	0.2	0.3
Age 7													
First Nations	60	37	37	37	45	56	56	54	44	0	0	0	0
Rate per 100 children		61.7	61.7	61.7	75.0	93.3	93.3	90.0	73.3	0.0	0.0	0.0	0.0
Non-First Nations	588	470	470	467	504	551	551	530	487	7	3	2	1
Rate per 100 children		79.9	79.9	79.4	85.7	93.7	93.7	90.1	82.8	1.2	0.5	0.3	0.2
Total for 7 year olds	648	507	507	504	549	607	607	584	531	7	3	2	1
Rate per 100 children		78.2	78.2	77.8	84.7	93.7	93.7	90.1	81.9	1.1	0.5	0.3	0.2
Age 11													
First Nations	50	32	32	28	43	48	49	46	2	32	0	3	0
Rate per 100 children		64.0	64.0	56.0	86.0	96.0	98.0	92.0	4.0	64.0	0.0	6.0	0.0
Non-First Nations	640	495	495	469	523	581	581	562	49	477	0	11	1
Rate per 100 children		77.3	77.3	73.3	81.7	90.8	90.8	87.8	7.7	74.5	0.0	1.7	0.2
Total for 11 year olds	690	527	527	497	566	629	630	608	51	509	0	14	1
Rate per 100 children		76.4	76.4	72.0	82.0	91.2	91.3	88.1	7.4	73.8	0.0	2.0	0.1
Age 17													
First Nations	38	6	6	15	24	30	31	31	0	2	0	4	0
Rate per 100 children		15.8	15.8	39.5	63.2	78.9	81.6	81.6	0.0	5.3	0.0	10.5	0.0
Non-First Nations	681	494	494	474	570	618	634	608	0	10	0	18	2
Rate per 100 children		72.5	72.5	69.6	83.7	90.7	93.1	89.3	0.0	1.5	0.0	2.6	0.3
Total for 17 year olds	719	500	500	489	594	648	665	639	0	12	0	22	2
Rate per 100 children		69.5	69.5	68.0	82.6	90.1	92.5	88.9	0.0	1.7	0.0	3.1	0.3

Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2002

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
20 - North Eastman													
Age 1													
First Nations	184	91	91	91	12	12	12	136	91	0	0	0	0
Rate per 100 children		49.5	49.5	49.5	6.5	6.5	6.5	73.9	49.5	0.0	0.0	0.0	0.0
Non-First Nations	322	265	265	265	3	3	3	293	265	1	0	0	3
Rate per 100 children		82.3	82.3	82.3	0.9	0.9	0.9	91.0	82.3	0.3	0.0	0.0	0.9
Total for 1 year olds	506	356	356	356	15	15	15	429	356	1	0	0	3
Rate per 100 children		70.4	70.4	70.4	3.0	3.0	3.0	84.8	70.4	0.2	0.0	0.0	0.6
Age 2													
First Nations	152	51	51	51	94	94	94	102	51	0	0	0	0
Rate per 100 children		33.6	33.6	33.6	61.8	61.8	61.8	67.1	33.6	0.0	0.0	0.0	0.0
Non-First Nations	334	244	244	244	284	284	283	308	242	0	10	0	1
Rate per 100 children		73.1	73.1	73.1	85.0	85.0	84.7	92.2	72.5	0.0	3.0	0.0	0.3
Total for 2 year olds	486	295	295	295	378	378	377	410	293	0	10	0	1
Rate per 100 children		60.7	60.7	60.7	77.8	77.8	77.6	84.4	60.3	0.0	2.1	0.0	0.2
Age 7													
First Nations	148	77	77	74	96	144	144	134	99	0	0	0	0
Rate per 100 children		52.0	52.0	50.0	64.9	97.3	97.3	90.5	66.9	0.0	0.0	0.0	0.0
Non-First Nations	429	359	359	328	377	418	418	414	378	1	0	0	0
Rate per 100 children		83.7	83.7	76.5	87.9	97.4	97.4	96.5	88.1	0.2	0.0	0.0	0.0
Total for 7 year olds	577	436	436	402	473	562	562	548	477	1	0	0	0
Rate per 100 children		75.6	75.6	69.7	82.0	97.4	97.4	95.0	82.7	0.2	0.0	0.0	0.0
Age 11													
First Nations	165	88	88	80	76	151	153	131	5	49	0	4	0
Rate per 100 children		53.3	53.3	48.5	46.1	91.5	92.7	79.4	3.0	29.7	0.0	2.4	0.0
Non-First Nations	500	452	453	404	438	484	484	476	32	335	2	16	1
Rate per 100 children		90.4	90.6	80.8	87.6	96.8	96.8	95.2	6.4	67.0	0.4	3.2	0.2
Total for 11 year olds	665	540	541	484	514	635	637	607	37	384	2	20	1
Rate per 100 children		81.2	81.4	72.8	77.3	95.5	95.8	91.3	5.6	57.7	0.3	3.0	0.2
Age 17													
First Nations	135	30	31	63	87	105	116	102	0	1	0	14	0
Rate per 100 children		22.2	23.0	46.7	64.4	77.8	85.9	75.6	0.0	0.7	0.0	10.4	0.0
Non-First Nations	549	399	399	405	483	524	530	522	1	10	0	77	1
Rate per 100 children		72.7	72.7	73.8	88.0	95.4	96.5	95.1	0.2	1.8	0.0	14.0	0.2
Total for 17 year olds	684	429	430	468	570	629	646	624	1	11	0	91	1
Rate per 100 children		62.7	62.9	68.4	83.3	92.0	94.4	91.2	0.1	1.6	0.0	13.3	0.1

Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2002

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
25 - South Eastman													
Age 1													
First Nations	6	5	5	5	0	0	0	6	5	0	0	0	0
Rate per 100 children		83.3	83.3	83.3	0.0	0.0	0.0	100.0	83.3	0.0	0.0	0.0	0.0
Non-First Nations	799	675	675	675	20	20	20	713	675	1	0	2	5
Rate per 100 children		84.5	84.5	84.5	2.5	2.5	2.5	89.2	84.5	0.1	0.0	0.3	0.6
Total for 1 year olds	805	680	680	680	20	20	20	719	680	1	0	2	5
Rate per 100 children		84.5	84.5	84.5	2.5	2.5	2.5	89.3	84.5	0.1	0.0	0.2	0.6
Age 2													
First Nations	11	6	6	6	8	8	8	9	6	0	0	0	0
Rate per 100 children		54.5	54.5	54.5	72.7	72.7	72.7	81.8	54.5	0.0	0.0	0.0	0.0
Non-First Nations	785	556	556	556	676	676	676	696	555	9	17	1	8
Rate per 100 children		70.8	70.8	70.8	86.1	86.1	86.1	88.7	70.7	1.1	2.2	0.1	1.0
Total for 2 year olds	796	562	562	562	684	684	684	705	561	9	17	1	8
Rate per 100 children		70.6	70.6	70.6	85.9	85.9	85.9	88.6	70.5	1.1	2.1	0.1	1.0
Age 7													
First Nations	4	1	1	1	1	3	3	1	1	0	0	0	0
Rate per 100 children		25.0	25.0	25.0	25.0	75.0	75.0	25.0	25.0	0.0	0.0	0.0	0.0
Non-First Nations	953	797	797	769	821	898	898	890	816	21	2	1	0
Rate per 100 children		83.6	83.6	80.7	86.1	94.2	94.2	93.4	85.6	2.2	0.2	0.1	0.0
Total for 7 year olds	957	798	798	770	822	901	901	891	817	21	2	1	0
Rate per 100 children		83.4	83.4	80.5	85.9	94.1	94.1	93.1	85.4	2.2	0.2	0.1	0.0
Age 11													
First Nations	7	5	5	4	5	7	7	5	0	1	0	1	0
Rate per 100 children		71.4	71.4	57.1	71.4	100.0	100.0	71.4	0.0	14.3	0.0	14.3	0.0
Non-First Nations	1,004	898	898	845	885	964	965	967	77	694	0	6	2
Rate per 100 children		89.4	89.4	84.2	88.1	96.0	96.1	96.3	7.7	69.1	0.0	0.6	0.2
Total for 11 year olds	1,011	903	903	849	890	971	972	972	77	695	0	7	2
Rate per 100 children		89.3	89.3	84.0	88.0	96.0	96.1	96.1	7.6	68.7	0.0	0.7	0.2
Age 17													
First Nations	5	2	2	3	2	3	3	4	0	0	0	0	0
Rate per 100 children		40.0	40.0	60.0	40.0	60.0	60.0	80.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	910	692	693	655	768	884	884	881	1	12	0	56	5
Rate per 100 children		76.0	76.2	72.0	84.4	97.1	97.1	96.8	0.1	1.3	0.0	6.2	0.5
Total for 17 year olds	915	694	695	658	770	887	887	885	1	12	0	56	5
Rate per 100 children		75.8	76.0	71.9	84.2	96.9	96.9	96.7	0.1	1.3	0.0	6.1	0.5

Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2002

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
30 - Interlake													
Age 1													
First Nations	135	81	81	81	2	2	2	117	81	0	0	0	0
Rate per 100 children		60.0	60.0	60.0	1.5	1.5	1.5	86.7	60.0	0.0	0.0	0.0	0.0
Non-First Nations	678	578	578	578	18	18	18	630	577	1	0	1	9
Rate per 100 children		85.3	85.3	85.3	2.7	2.7	2.7	92.9	85.1	0.1	0.0	0.1	1.3
Total for 1 year olds	813	659	659	659	20	20	20	747	658	1	0	1	9
Rate per 100 children		81.1	81.1	81.1	2.5	2.5	2.5	91.9	80.9	0.1	0.0	0.1	1.1
Age 2													
First Nations	124	70	70	70	108	108	108	111	70	0	0	0	0
Rate per 100 children		56.5	56.5	56.5	87.1	87.1	87.1	89.5	56.5	0.0	0.0	0.0	0.0
Non-First Nations	688	501	501	500	614	614	614	625	500	2	19	0	2
Rate per 100 children		72.8	72.8	72.7	89.2	89.2	89.2	90.8	72.7	0.3	2.8	0.0	0.3
Total for 2 year olds	812	571	571	570	722	722	722	736	570	2	19	0	2
Rate per 100 children		70.3	70.3	70.2	88.9	88.9	88.9	90.6	70.2	0.2	2.3	0.0	0.2
Age 7													
First Nations	158	116	116	115	130	153	153	148	120	0	0	0	0
Rate per 100 children		73.4	73.4	72.8	82.3	96.8	96.8	93.7	75.9	0.0	0.0	0.0	0.0
Non-First Nations	934	737	735	701	770	886	886	867	791	6	10	1	1
Rate per 100 children		78.9	78.7	75.1	82.4	94.9	94.9	92.8	84.7	0.6	1.1	0.1	0.1
Total for 7 year olds	1,092	853	851	816	900	1,039	1,039	1,015	911	6	10	1	1
Rate per 100 children		78.1	77.9	74.7	82.4	95.1	95.1	92.9	83.4	0.5	0.9	0.1	0.1
Age 11													
First Nations	141	101	101	97	86	138	138	120	4	61	0	7	0
Rate per 100 children		71.6	71.6	68.8	61.0	97.9	97.9	85.1	2.8	43.3	0.0	5.0	0.0
Non-First Nations	1,035	896	895	825	837	990	991	974	86	757	0	15	0
Rate per 100 children		86.6	86.5	79.7	80.9	95.7	95.7	94.1	8.3	73.1	0.0	1.4	0.0
Total for 11 year olds	1,176	997	996	922	923	1,128	1,129	1,094	90	818	0	22	0
Rate per 100 children		84.8	84.7	78.4	78.5	95.9	96.0	93.0	7.7	69.6	0.0	1.9	0.0
Age 17													
First Nations	126	32	32	59	96	105	120	108	0	0	0	9	0
Rate per 100 children		25.4	25.4	46.8	76.2	83.3	95.2	85.7	0.0	0.0	0.0	7.1	0.0
Non-First Nations	1,033	703	703	662	884	947	981	942	0	15	0	88	1
Rate per 100 children		68.1	68.1	64.1	85.6	91.7	95.0	91.2	0.0	1.5	0.0	8.5	0.1
Total for 17 year olds	1,159	735	735	721	980	1,052	1,101	1,050	0	15	0	97	1
Rate per 100 children		63.4	63.4	62.2	84.6	90.8	95.0	90.6	0.0	1.3	0.0	8.4	0.1

Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2002

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
40 - Central													
Age 1													
First Nations	123	60	60	60	1	1	1	85	60	0	0	0	0
Rate per 100 children		48.8	48.8	48.8	0.8	0.8	0.8	69.1	48.8	0.0	0.0	0.0	0.0
Non-First Nations	1,261	1,008	1,007	1,007	14	13	13	1,095	1,005	10	1	4	9
Rate per 100 children		79.9	79.9	79.9	1.1	1.0	1.0	86.8	79.7	0.8	0.1	0.3	0.7
Total for 1 year olds	1,384	1,068	1,067	1,067	15	14	14	1,180	1,065	10	1	4	9
Rate per 100 children		77.2	77.1	77.1	1.1	1.0	1.0	85.3	77.0	0.7	0.1	0.3	0.7
Age 2													
First Nations	140	50	50	50	96	96	96	85	49	0	0	0	0
Rate per 100 children		35.7	35.7	35.7	68.6	68.6	68.6	60.7	35.0	0.0	0.0	0.0	0.0
Non-First Nations	1,294	900	900	897	1,092	1,090	1,090	1,122	893	20	21	4	2
Rate per 100 children		69.6	69.6	69.3	84.4	84.2	84.2	86.7	69.0	1.5	1.6	0.3	0.2
Total for 2 year olds	1,434	950	950	947	1,188	1,186	1,186	1,207	942	20	21	4	2
Rate per 100 children		66.2	66.2	66.0	82.8	82.7	82.7	84.2	65.7	1.4	1.5	0.3	0.1
Age 7													
First Nations	144	49	49	48	94	137	137	103	63	1	0	0	0
Rate per 100 children		34.0	34.0	33.3	65.3	95.1	95.1	71.5	43.8	0.7	0.0	0.0	0.0
Non-First Nations	1,401	1,175	1,175	1,144	1,211	1,319	1,319	1,315	1,199	25	9	2	1
Rate per 100 children		83.9	83.9	81.7	86.4	94.1	94.1	93.9	85.6	1.8	0.6	0.1	0.1
Total for 7 year olds	1,545	1,224	1,224	1,192	1,305	1,456	1,456	1,418	1,262	26	9	2	1
Rate per 100 children		79.2	79.2	77.2	84.5	94.2	94.2	91.8	81.7	1.7	0.6	0.1	0.1
Age 11													
First Nations	162	66	66	63	85	134	134	103	6	55	0	15	0
Rate per 100 children		40.7	40.7	38.9	52.5	82.7	82.7	63.6	3.7	34.0	0.0	9.3	0.0
Non-First Nations	1,584	1,407	1,410	1,341	1,387	1,539	1,538	1,533	73	1,113	1	9	3
Rate per 100 children		88.8	89.0	84.7	87.6	97.2	97.1	96.8	4.6	70.3	0.1	0.6	0.2
Total for 11 year olds	1,746	1,473	1,476	1,404	1,472	1,673	1,672	1,636	79	1,168	1	24	3
Rate per 100 children		84.4	84.5	80.4	84.3	95.8	95.8	93.7	4.5	66.9	0.1	1.4	0.2
Age 17													
First Nations	128	30	30	52	60	82	87	80	0	1	0	15	0
Rate per 100 children		23.4	23.4	40.6	46.9	64.1	68.0	62.5	0.0	0.8	0.0	11.7	0.0
Non-First Nations	1,538	1,205	1,206	1,234	1,335	1,471	1,473	1,473	0	23	0	66	2
Rate per 100 children		78.3	78.4	80.2	86.8	95.6	95.8	95.8	0.0	1.5	0.0	4.3	0.1
Total for 17 year olds	1,666	1,235	1,236	1,286	1,395	1,553	1,560	1,553	0	24	0	81	2
Rate per 100 children		74.1	74.2	77.2	83.7	93.2	93.6	93.2	0.0	1.4	0.0	4.9	0.1

Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2002

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
45 - Assiniboine													
Age 1													
First Nations	63	45	45	45	6	6	6	54	45	0	0	0	0
Rate per 100 children		71.4	71.4	71.4	9.5	9.5	9.5	85.7	71.4	0.0	0.0	0.0	0.0
Non-First Nations	629	554	554	554	12	12	12	587	554	1	1	1	9
Rate per 100 children		88.1	88.1	88.1	1.9	1.9	1.9	93.3	88.1	0.2	0.2	0.2	1.4
Total for 1 year olds	692	599	599	599	18	18	18	641	599	1	1	1	9
Rate per 100 children		86.6	86.6	86.6	2.6	2.6	2.6	92.6	86.6	0.1	0.1	0.1	1.3
Age 2													
First Nations	73	35	35	35	59	59	59	60	35	0	0	0	0
Rate per 100 children		47.9	47.9	47.9	80.8	80.8	80.8	82.2	47.9	0.0	0.0	0.0	0.0
Non-First Nations	642	494	494	494	574	574	574	586	492	4	5	2	4
Rate per 100 children		76.9	76.9	76.9	89.4	89.4	89.4	91.3	76.6	0.6	0.8	0.3	0.6
Total for 2 year olds	715	529	529	529	633	633	633	646	527	4	5	2	4
Rate per 100 children		74.0	74.0	74.0	88.5	88.5	88.5	90.3	73.7	0.6	0.7	0.3	0.6
Age 7													
First Nations	79	40	41	40	48	69	70	61	45	0	0	0	0
Rate per 100 children		50.6	51.9	50.6	60.8	87.3	88.6	77.2	57.0	0.0	0.0	0.0	0.0
Non-First Nations	785	687	688	676	708	755	755	744	708	10	3	5	1
Rate per 100 children		87.5	87.6	86.1	90.2	96.2	96.2	94.8	90.2	1.3	0.4	0.6	0.1
Total for 7 year olds	864	727	729	716	756	824	825	805	753	10	3	5	1
Rate per 100 children		84.1	84.4	82.9	87.5	95.4	95.5	93.2	87.2	1.2	0.3	0.6	0.1
Age 11													
First Nations	76	53	53	52	37	69	71	67	2	29	0	21	0
Rate per 100 children		69.7	69.7	68.4	48.7	90.8	93.4	88.2	2.6	38.2	0.0	27.6	0.0
Non-First Nations	939	821	821	772	784	901	902	886	61	713	1	11	0
Rate per 100 children		87.4	87.4	82.2	83.5	96.0	96.1	94.4	6.5	75.9	0.1	1.2	0.0
Total for 11 year olds	1,015	874	874	824	821	970	973	953	63	742	1	32	0
Rate per 100 children		86.1	86.1	81.2	80.9	95.6	95.9	93.9	6.2	73.1	0.1	3.2	0.0
Age 17													
First Nations	71	19	19	46	46	56	61	56	0	1	0	19	0
Rate per 100 children		26.8	26.8	64.8	64.8	78.9	85.9	78.9	0.0	1.4	0.0	26.8	0.0
Non-First Nations	980	760	764	801	804	922	951	924	1	8	0	27	3
Rate per 100 children		77.6	78.0	81.7	82.0	94.1	97.0	94.3	0.1	0.8	0.0	2.8	0.3
Total for 17 year olds	1,051	779	783	847	850	978	1,012	980	1	9	0	46	3
Rate per 100 children		74.1	74.5	80.6	80.9	93.1	96.3	93.2	0.1	0.9	0.0	4.4	0.3

Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2002

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
60 - Parkland													
Age 1													
First Nations	97	73	73	73	4	4	4	86	73	0	0	0	0
Rate per 100 children		75.3	75.3	75.3	4.1	4.1	4.1	88.7	75.3	0.0	0.0	0.0	0.0
Non-First Nations	371	318	318	318	6	6	6	351	318	2	1	3	0
Rate per 100 children		85.7	85.7	85.7	1.6	1.6	1.6	94.6	85.7	0.5	0.3	0.8	0.0
Total for 1 year olds	468	391	391	391	10	10	10	437	391	2	1	3	0
Rate per 100 children		83.5	83.5	83.5	2.1	2.1	2.1	93.4	83.5	0.4	0.2	0.6	0.0
Age 2													
First Nations	98	64	64	64	85	85	85	83	64	0	0	0	0
Rate per 100 children		65.3	65.3	65.3	86.7	86.7	86.7	84.7	65.3	0.0	0.0	0.0	0.0
Non-First Nations	404	305	305	305	383	383	383	382	305	2	3	2	1
Rate per 100 children		75.5	75.5	75.5	94.8	94.8	94.8	94.6	75.5	0.5	0.7	0.5	0.2
Total for 2 year olds	502	369	369	369	468	468	468	465	369	2	3	2	1
Rate per 100 children		73.5	73.5	73.5	93.2	93.2	93.2	92.6	73.5	0.4	0.6	0.4	0.2
Age 7													
First Nations	101	85	85	84	95	101	101	98	88	0	0	0	0
Rate per 100 children		84.2	84.2	83.2	94.1	100.0	100.0	97.0	87.1	0.0	0.0	0.0	0.0
Non-First Nations	452	392	392	388	414	441	441	435	404	5	0	1	0
Rate per 100 children		86.7	86.7	85.8	91.6	97.6	97.6	96.2	89.4	1.1	0.0	0.2	0.0
Total for 7 year olds	553	477	477	472	509	542	542	533	492	5	0	1	0
Rate per 100 children		86.3	86.3	85.4	92.0	98.0	98.0	96.4	89.0	0.9	0.0	0.2	0.0
Age 11													
First Nations	103	88	88	85	87	101	101	100	2	69	0	63	0
Rate per 100 children		85.4	85.4	82.5	84.5	98.1	98.1	97.1	1.9	67.0	0.0	61.2	0.0
Non-First Nations	537	479	479	459	486	524	524	511	24	420	0	73	1
Rate per 100 children		89.2	89.2	85.5	90.5	97.6	97.6	95.2	4.5	78.2	0.0	13.6	0.2
Total for 11 year olds	640	567	567	544	573	625	625	611	26	489	0	136	1
Rate per 100 children		88.6	88.6	85.0	89.5	97.7	97.7	95.5	4.1	76.4	0.0	21.3	0.2
Age 17													
First Nations	91	45	45	67	71	85	87	82	0	0	0	56	0
Rate per 100 children		49.5	49.5	73.6	78.0	93.4	95.6	90.1	0.0	0.0	0.0	61.5	0.0
Non-First Nations	553	428	429	478	511	540	547	538	1	10	0	65	1
Rate per 100 children		77.4	77.6	86.4	92.4	97.6	98.9	97.3	0.2	1.8	0.0	11.8	0.2
Total for 17 year olds	644	473	474	545	582	625	634	620	1	10	0	121	1
Rate per 100 children		73.4	73.6	84.6	90.4	97.0	98.4	96.3	0.2	1.6	0.0	18.8	0.2

Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2002

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
70 - Norman													
Age 1													
First Nations	165	82	82	82	4	4	4	127	82	1	0	0	0
Rate per 100 children		49.7	49.7	49.7	2.4	2.4	2.4	77.0	49.7	0.6	0.0	0.0	0.0
Non-First Nations	257	196	196	196	0	0	0	226	195	2	0	0	0
Rate per 100 children		76.3	76.3	76.3	0.0	0.0	0.0	87.9	75.9	0.8	0.0	0.0	0.0
Total for 1 year olds	422	278	278	278	4	4	4	353	277	3	0	0	0
Rate per 100 children		65.9	65.9	65.9	0.9	0.9	0.9	83.6	65.6	0.7	0.0	0.0	0.0
Age 2													
First Nations	175	78	78	78	139	139	139	140	77	1	0	0	0
Rate per 100 children		44.6	44.6	44.6	79.4	79.4	79.4	80.0	44.0	0.6	0.0	0.0	0.0
Non-First Nations	267	192	192	192	227	227	228	231	191	2	2	0	0
Rate per 100 children		71.9	71.9	71.9	85.0	85.0	85.4	86.5	71.5	0.7	0.7	0.0	0.0
Total for 2 year olds	442	270	270	270	366	366	367	371	268	3	2	0	0
Rate per 100 children		61.1	61.1	61.1	82.8	82.8	83.0	83.9	60.6	0.7	0.5	0.0	0.0
Age 7													
First Nations	141	104	104	104	116	139	139	134	113	0	0	0	0
Rate per 100 children		73.8	73.8	73.8	82.3	98.6	98.6	95.0	80.1	0.0	0.0	0.0	0.0
Non-First Nations	315	271	271	268	278	300	300	300	281	4	0	0	1
Rate per 100 children		86.0	86.0	85.1	88.3	95.2	95.2	95.2	89.2	1.3	0.0	0.0	0.3
Total for 7 year olds	456	375	375	372	394	439	439	434	394	4	0	0	1
Rate per 100 children		82.2	82.2	81.6	86.4	96.3	96.3	95.2	86.4	0.9	0.0	0.0	0.2
Age 11													
First Nations	143	99	99	97	118	135	138	132	5	83	0	80	0
Rate per 100 children		69.2	69.2	67.8	82.5	94.4	96.5	92.3	3.5	58.0	0.0	55.9	0.0
Non-First Nations	324	260	260	247	278	316	319	307	7	252	0	110	0
Rate per 100 children		80.2	80.2	76.2	85.8	97.5	98.5	94.8	2.2	77.8	0.0	34.0	0.0
Total for 11 year olds	467	359	359	344	396	451	457	439	12	335	0	190	0
Rate per 100 children		76.9	76.9	73.7	84.8	96.6	97.9	94.0	2.6	71.7	0.0	40.7	0.0
Age 17													
First Nations	129	37	37	81	90	103	121	100	0	0	0	76	0
Rate per 100 children		28.7	28.7	62.8	69.8	79.8	93.8	77.5	0.0	0.0	0.0	58.9	0.0
Non-First Nations	317	216	216	238	269	295	299	295	1	9	0	117	2
Rate per 100 children		68.1	68.1	75.1	84.9	93.1	94.3	93.1	0.3	2.8	0.0	36.9	0.6
Total for 17 year olds	446	253	253	319	359	398	420	395	1	9	0	193	2
Rate per 100 children		56.7	56.7	71.5	80.5	89.2	94.2	88.6	0.2	2.0	0.0	43.3	0.4

Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2002

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
80 - Burntwood													
Age 1													
First Nations	727	404	404	404	19	19	21	514	317	5	0	0	0
Rate per 100 children		55.6	55.6	55.6	2.6	2.6	2.9	70.7	43.6	0.7	0.0	0.0	0.0
Non-First Nations	311	240	240	240	9	9	9	276	235	4	0	0	1
Rate per 100 children		77.2	77.2	77.2	2.9	2.9	2.9	88.7	75.6	1.3	0.0	0.0	0.3
Total for 1 year olds	1,038	644	644	644	28	28	30	790	552	9	0	0	1
Rate per 100 children		62.0	62.0	62.0	2.7	2.7	2.9	76.1	53.2	0.9	0.0	0.0	0.1
Age 2													
First Nations	699	315	315	313	510	509	554	474	252	4	0	1	0
Rate per 100 children		45.1	45.1	44.8	73.0	72.8	79.3	67.8	36.1	0.6	0.0	0.1	0.0
Non-First Nations	316	209	209	209	258	258	262	267	198	3	6	1	0
Rate per 100 children		66.1	66.1	66.1	81.6	81.6	82.9	84.5	62.7	0.9	1.9	0.3	0.0
Total for 2 year olds	1,015	524	524	522	768	767	816	741	450	7	6	2	0
Rate per 100 children		51.6	51.6	51.4	75.7	75.6	80.4	73.0	44.3	0.7	0.6	0.2	0.0
Age 7													
First Nations	707	373	372	365	492	671	671	596	395	1	0	0	0
Rate per 100 children		52.8	52.6	51.6	69.6	94.9	94.9	84.3	55.9	0.1	0.0	0.0	0.0
Non-First Nations	348	251	251	250	273	324	324	308	248	3	1	3	0
Rate per 100 children		72.1	72.1	71.8	78.4	93.1	93.1	88.5	71.3	0.9	0.3	0.9	0.0
Total for 7 year olds	1,055	624	623	615	765	995	995	904	643	4	1	3	0
Rate per 100 children		59.1	59.1	58.3	72.5	94.3	94.3	85.7	60.9	0.4	0.1	0.3	0.0
Age 11													
First Nations	686	325	325	308	366	614	621	544	28	176	0	72	0
Rate per 100 children		47.4	47.4	44.9	53.4	89.5	90.5	79.3	4.1	25.7	0.0	10.5	0.0
Non-First Nations	370	250	250	218	296	339	339	321	19	220	0	31	0
Rate per 100 children		67.6	67.6	58.9	80.0	91.6	91.6	86.8	5.1	59.5	0.0	8.4	0.0
Total for 11 year olds	1,056	575	575	526	662	953	960	865	47	396	0	103	0
Rate per 100 children		54.5	54.5	49.8	62.7	90.2	90.9	81.9	4.5	37.5	0.0	9.8	0.0
Age 17													
First Nations	557	80	80	192	288	349	408	32[illegible]	2	2	0	56	0
Rate per 100 children		14.4	14.4	34.5	51.7	62.7	73.2	58.9	0.4	0.4	0.0	10.1	0.0
Non-First Nations	313	157	158	191	252	276	285	263	0	2	0	34	0
Rate per 100 children		50.2	50.5	61.0	80.5	88.2	91.1	84.0	0.0	0.6	0.0	10.9	0.0
Total for 17 year olds	870	237	238	383	540	625	693	591	2	4	0	90	0
Rate per 100 children		27.2	27.4	44.0	62.1	71.8	79.7	67.9	0.2	0.5	0.0	10.3	0.0

Childhood Immunization Coverage Data By Patient Location

January 1 - December 31, 2002

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
90 - Churchill													
Age 1													
First Nations	6	6	6	6	0	0	0	7	6	0	0	0	0
Rate per 100 children		100.0	100.0	100.0	0.0	0.0	0.0	116.7	100.0	0.0	0.0	0.0	0.0
Non-First Nations	18	13	13	13	0	0	0	17	13	0	0	0	0
Rate per 100 children		72.2	72.2	72.2	0.0	0.0	0.0	94.4	72.2	0.0	0.0	0.0	0.0
Total for 1 year olds	24	19	19	19	0	0	0	24	19	0	0	0	0
Rate per 100 children		79.2	79.2	79.2	0.0	0.0	0.0	100.0	79.2	0.0	0.0	0.0	0.0
Age 2													
First Nations	5	5	5	5	5	5	5	5	5	0	0	0	0
Rate per 100 children		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
Non-First Nations	12	9	9	9	12	12	12	12	9	0	0	0	0
Rate per 100 children		75.0	75.0	75.0	100.0	100.0	100.0	100.0	75.0	0.0	0.0	0.0	0.0
Total for 2 year olds	17	14	14	14	17	17	17	17	14	0	0	0	0
Rate per 100 children		82.4	82.4	82.4	100.0	100.0	100.0	100.0	82.4	0.0	0.0	0.0	0.0
Age 7													
First Nations	6	5	5	5	5	5	5	5	5	0	0	0	0
Rate per 100 children		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	0.0	0.0	0.0	0.0
Non-First Nations	16	15	15	15	15	18	18	18	17	1	0	0	0
Rate per 100 children		93.8	93.8	93.8	93.8	112.5	112.5	112.5	106.3	6.3	0.0	0.0	0.0
Total for 7 year olds	22	20	20	20	20	23	23	23	22	1	0	0	0
Rate per 100 children		90.9	90.9	90.9	90.9	104.5	104.5	104.5	100.0	4.5	0.0	0.0	0.0
Age 11													
First Nations	4	4	4	4	4	4	4	4	0	2	0	0	0
Rate per 100 children		100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	50.0	0.0	0.0	0.0
Non-First Nations	10	9	9	9	7	8	9	9	0	4	0	0	0
Rate per 100 children		90.0	90.0	90.0	70.0	80.0	90.0	90.0	0.0	40.0	0.0	0.0	0.0
Total for 11 year olds	14	13	13	13	11	12	13	13	0	6	0	0	0
Rate per 100 children		92.9	92.9	92.9	78.6	85.7	92.9	92.9	0.0	42.9	0.0	0.0	0.0
Age 17													
First Nations	1	0	0	0	1	1	1	1	0	0	0	0	0
Rate per 100 children		0.0	0.0	0.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	8	6	6	5	5	7	7	7	0	0	0	0	0
Rate per 100 children		75.0	75.0	62.5	62.5	87.5	87.5	87.5	0.0	0.0	0.0	0.0	0.0
Total for 17 year olds	9	6	6	5	6	8	8	8	0	0	0	0	0
Rate per 100 children		66.7	66.7	55.6	66.7	88.9	88.9	88.9	0.0	0.0	0.0	0.0	0.0

4. Childhood Immunization Coverage Reports, January 1, 2002 – December 31, 2002

4.2 Coverage by Patient Age

- By RHA

Notes:

These reports are the same data as in section 4.1, with summary data, by age, provided for each RHA.

Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2002

Age 1

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
MANITOBA													
First Nations	2,011	1,175	1,175	1,176	55	55	57	1,562	1,083	7	0	0	1
Rate per 100		58.4	58.4	58.5	2.7	2.7	2.8	77.7	53.9	0.3	0.0	0.0	0.0
Non-First Nations	12,102	10,122	10,121	10,111	278	277	276	10,951	10,103	104	24	17	212
Rate per 100		83.6	83.6	83.5	2.3	2.3	2.3	90.5	83.5	0.9	0.2	0.1	1.8
All Children	14,113	11,297	11,296	11,287	333	332	333	12,513	11,186	111	24	17	213
Rate per 100		80.0	80.0	80.0	2.4	2.4	2.4	88.7	79.3	0.8	0.2	0.1	1.5
10 - Winnipeg													
First Nations	457	297	297	298	7	7	7	388	293	1	0	0	1
Rate per 100		65.0	65.0	65.2	1.5	1.5	1.5	84.9	64.1	0.2	0.0	0.0	0.2
Non-First Nations	6,956	5,836	5,836	5,826	180	180	179	6,299	5,827	82	18	5	170
Rate per 100		83.9	83.9	83.8	2.6	2.6	2.6	90.6	83.8	1.2	0.3	0.1	2.4
All Children	7,413	6,133	6,133	6,124	187	187	186	6,687	6,120	83	18	5	171
Rate per 100		82.7	82.7	82.6	2.5	2.5	2.5	90.2	82.6	1.1	0.2	0.1	2.3
15 - Brandon													
First Nations	48	31	31	31	0	0	0	42	30	0	0	0	0
Rate per 100		64.6	64.6	64.6	0.0	0.0	0.0	87.5	62.5	0.0	0.0	0.0	0.0
Non-First Nations	500	439	439	439	16	16	16	464	439	0	3	1	6
Rate per 100		87.8	87.8	87.8	3.2	3.2	3.2	92.8	87.8	0.0	0.6	0.2	1.2
All Children	548	470	470	470	16	16	16	506	469	0	3	1	6
Rate per 100		85.8	85.8	85.8	2.9	2.9	2.9	92.3	85.6	0.0	0.5	0.2	1.1
20 - North Eastman													
First Nations	184	91	91	91	12	12	12	136	91	0	0	0	0
Rate per 100		49.5	49.5	49.5	6.5	6.5	6.5	73.9	49.5	0.0	0.0	0.0	0.0
Non-First Nations	322	265	265	265	3	3	3	293	265	1	0	0	3
Rate per 100		82.3	82.3	82.3	0.9	0.9	0.9	91.0	82.3	0.3	0.0	0.0	0.9
All Children	506	356	356	356	15	15	15	429	356	1	0	0	3
Rate per 100		70.4	70.4	70.4	3.0	3.0	3.0	84.8	70.4	0.2	0.0	0.0	0.6
25 - South Eastman													
First Nations	6	5	5	5	0	0	0	6	5	0	0	0	0
Rate per 100		83.3	83.3	83.3	0.0	0.0	0.0	100.0	83.3	0.0	0.0	0.0	0.0
Non-First Nations	799	675	675	675	20	20	20	713	675	1	0	2	5
Rate per 100		84.5	84.5	84.5	2.5	2.5	2.5	89.2	84.5	0.1	0.0	0.3	0.6
All Children	805	680	680	680	20	20	20	719	680	1	0	2	5
Rate per 100		84.5	84.5	84.5	2.5	2.5	2.5	89.3	84.5	0.1	0.0	0.2	0.6
30 - Interlake													
First Nations	135	81	81	81	2	2	2	117	81	0	0	0	0
Rate per 100		60.0	60.0	60.0	1.5	1.5	1.5	86.7	60.0	0.0	0.0	0.0	0.0
Non-First Nations	678	578	578	578	18	18	18	630	577	1	0	1	9
Rate per 100		85.3	85.3	85.3	2.7	2.7	2.7	92.9	85.1	0.1	0.0	0.1	1.3
All Children	813	659	659	659	20	20	20	747	658	1	0	1	9
Rate per 100		81.1	81.1	81.1	2.5	2.5	2.5	91.9	80.9	0.1	0.0	0.1	1.1
40 - Central													
First Nations	123	60	60	60	1	1	1	85	60	0	0	0	0
Rate per 100		48.8	48.8	48.8	0.8	0.8	0.8	69.1	48.8	0.0	0.0	0.0	0.0
Non-First Nations	1,261	1,008	1,007	1,007	14	13	13	1,095	1,005	10	1	4	9
Rate per 100		79.9	79.9	79.9	1.1	1.0	1.0	86.8	79.7	0.8	0.1	0.3	0.7
All Children	1,384	1,068	1,067	1,067	15	14	14	1,180	1,065	10	1	4	9
Rate per 100		77.2	77.1	77.1	1.1	1.0	1.0	85.3	77.0	0.7	0.1	0.3	0.7

Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2002

Age 1

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
45 - Assiniboine													
First Nations	63	45	45	45	6	6	6	54	45	0	0	0	0
Rate per 100		71.4	71.4	71.4	9.5	9.5	9.5	85.7	71.4	0.0	0.0	0.0	0.0
Non-First Nations	629	554	554	554	12	12	12	587	554	1	1	1	9
Rate per 100		88.1	88.1	88.1	1.9	1.9	1.9	93.3	88.1	0.2	0.2	0.2	1.4
All Children	692	599	599	599	18	18	18	641	599	1	1	1	9
Rate per 100		86.6	86.6	86.6	2.6	2.6	2.6	92.6	86.6	0.1	0.1	0.1	1.3
60 - Parkland													
First Nations	97	73	73	73	4	4	4	86	73	0	0	0	0
Rate per 100		75.3	75.3	75.3	4.1	4.1	4.1	88.7	75.3	0.0	0.0	0.0	0.0
Non-First Nations	371	318	318	318	6	6	6	351	318	2	1	3	0
Rate per 100		85.7	85.7	85.7	1.6	1.6	1.6	94.6	85.7	0.5	0.3	0.8	0.0
All Children	468	391	391	391	10	10	10	437	391	2	1	3	0
Rate per 100		83.5	83.5	83.5	2.1	2.1	2.1	93.4	83.5	0.4	0.2	0.6	0.0
70 - Norman													
First Nations	165	82	82	82	4	4	4	127	82	1	0	0	0
Rate per 100		49.7	49.7	49.7	2.4	2.4	2.4	77.0	49.7	0.6	0.0	0.0	0.0
Non-First Nations	257	196	196	196	0	0	0	226	195	2	0	0	0
Rate per 100		76.3	76.3	76.3	0.0	0.0	0.0	87.9	75.9	0.8	0.0	0.0	0.0
All Children	422	278	278	278	4	4	4	353	277	3	0	0	0
Rate per 100		65.9	65.9	65.9	0.9	0.9	0.9	83.6	65.6	0.7	0.0	0.0	0.0
80 - Burntwood													
First Nations	727	404	404	404	19	19	21	514	317	5	0	0	0
Rate per 100		55.6	55.6	55.6	2.6	2.6	2.9	70.7	43.6	0.7	0.0	0.0	0.0
Non-First Nations	311	240	240	240	9	9	9	276	235	4	0	0	1
Rate per 100		77.2	77.2	77.2	2.9	2.9	2.9	88.7	75.6	1.3	0.0	0.0	0.3
All Children	1,038	644	644	644	28	28	30	790	552	9	0	0	1
Rate per 100		62.0	62.0	62.0	2.7	2.7	2.9	76.1	53.2	0.9	0.0	0.0	0.1
90 - Churchill													
First Nations	6	6	6	6	0	0	0	7	6	0	0	0	0
Rate per 100		100.0	100.0	100.0	0.0	0.0	0.0	116.7	100.0	0.0	0.0	0.0	0.0
Non-First Nations	18	13	13	13	0	0	0	17	13	0	0	0	0
Rate per 100		72.2	72.2	72.2	0.0	0.0	0.0	94.4	72.2	0.0	0.0	0.0	0.0
All Children	24	19	19	19	0	0	0	24	19	0	0	0	0
Rate per 100		79.2	79.2	79.2	0.0	0.0	0.0	100.0	79.2	0.0	0.0	0.0	0.0

Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2002

Age 2

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
MANITOBA													
First Nations	2,005	962	962	958	1,534	1,533	1,580	1,508	886	7	0	1	1
Rate per 100		48.0	48.0	47.8	76.5	76.5	78.8	75.2	44.2	0.3	0.0	0.0	0.0
Non-First Nations	12,268	8,902	8,902	8,888	10,629	10,620	10,624	10,860	8,850	106	456	27	93
Rate per 100		72.6	72.6	72.4	86.6	86.6	86.6	88.5	72.1	0.9	3.7	0.2	0.8
All Children	14,273	9,864	9,864	9,846	12,163	12,153	12,204	12,368	9,736	113	456	28	94
Rate per 100		69.1	69.1	69.0	85.2	85.1	85.5	86.7	68.2	0.8	3.2	0.2	0.7
10 - Winnipeg													
First Nations	472	264	264	262	383	383	385	393	253	2	0	0	1
Rate per 100		55.9	55.9	55.5	81.1	81.1	81.6	83.3	53.6	0.4	0.0	0.0	0.2
Non-First Nations	7,001	5,107	5,107	5,097	6,051	6,044	6,044	6,171	5,082	62	362	16	73
Rate per 100		72.9	72.9	72.8	86.4	86.3	86.3	88.1	72.6	0.9	5.2	0.2	1.0
All Children	7,473	5,371	5,371	5,359	6,434	6,427	6,429	6,564	5,335	64	362	16	74
Rate per 100		71.9	71.9	71.7	86.1	86.0	86.0	87.8	71.4	0.9	4.8	0.2	1.0
15 - Brandon													
First Nations	56	24	24	24	47	47	47	46	24	0	0	0	0
Rate per 100		42.9	42.9	42.9	83.9	83.9	83.9	82.1	42.9	0.0	0.0	0.0	0.0
Non-First Nations	525	385	385	385	458	458	458	460	383	2	11	1	2
Rate per 100		73.3	73.3	73.3	87.2	87.2	87.2	87.6	73.0	0.4	2.1	0.2	0.4
All Children	581	409	409	409	505	505	505	506	407	2	11	1	2
Rate per 100		70.4	70.4	70.4	86.9	86.9	86.9	87.1	70.1	0.3	1.9	0.2	0.3
20 - North Eastman													
First Nations	152	51	51	51	94	94	94	102	51	0	0	0	0
Rate per 100		33.6	33.6	33.6	61.8	61.8	61.8	67.1	33.6	0.0	0.0	0.0	0.0
Non-First Nations	334	244	244	244	284	284	283	308	242	0	10	0	1
Rate per 100		73.1	73.1	73.1	85.0	85.0	84.7	92.2	72.5	0.0	3.0	0.0	0.3
All Children	486	295	295	295	378	378	377	410	293	0	10	0	1
Rate per 100		60.7	60.7	60.7	77.8	77.8	77.6	84.4	60.3	0.0	2.1	0.0	0.2
25 - South Eastman													
First Nations	11	6	6	6	8	8	8	9	6	0	0	0	0
Rate per 100		54.5	54.5	54.5	72.7	72.7	72.7	81.8	54.5	0.0	0.0	0.0	0.0
Non-First Nations	785	556	556	556	676	676	676	696	555	9	17	1	8
Rate per 100		70.8	70.8	70.8	86.1	86.1	86.1	88.7	70.7	1.1	2.2	0.1	1.0
All Children	796	562	562	562	684	684	684	705	561	9	17	1	8
Rate per 100		70.6	70.6	70.6	85.9	85.9	85.9	88.6	70.5	1.1	2.1	0.1	1.0
30 - Interlake													
First Nations	124	70	70	70	108	108	108	111	70	0	0	0	0
Rate per 100		56.5	56.5	56.5	87.1	87.1	87.1	89.5	56.5	0.0	0.0	0.0	0.0
Non-First Nations	688	501	501	500	614	614	614	625	500	2	19	0	2
Rate per 100		72.8	72.8	72.7	89.2	89.2	89.2	90.8	72.7	0.3	2.8	0.0	0.3
All Children	812	571	571	570	722	722	722	736	570	2	19	0	2
Rate per 100		70.3	70.3	70.2	88.9	88.9	88.9	90.6	70.2	0.2	2.3	0.0	0.2
40 - Central													
First Nations	140	50	50	50	96	96	96	85	49	0	0	0	0
Rate per 100		35.7	35.7	35.7	68.6	68.6	68.6	60.7	35.0	0.0	0.0	0.0	0.0
Non-First Nations	1,294	900	900	897	1,092	1,090	1,090	1,122	893	20	21	4	2
Rate per 100		69.6	69.6	69.3	84.4	84.2	84.2	86.7	69.0	1.5	1.6	0.3	0.2
All Children	1,434	950	950	947	1,188	1,186	1,186	1,207	942	20	21	4	2
Rate per 100		66.2	66.2	66.0	82.8	82.7	82.7	84.2	65.7	1.4	1.5	0.3	0.1
45 - Assiniboine													
First Nations	73	35	35	35	59	59	59	60	35	0	0	0	0
Rate per 100		47.9	47.9	47.9	80.8	80.8	80.8	82.2	47.9	0.0	0.0	0.0	0.0
Non-First Nations	642	494	494	494	574	574	574	586	492	4	5	2	4
Rate per 100		76.9	76.9	76.9	89.4	89.4	89.4	91.3	76.6	0.6	0.8	0.3	0.6
All Children	715	529	529	529	633	633	633	646	527	4	5	2	4
Rate per 100		74.0	74.0	74.0	88.5	88.5	88.5	90.3	73.7	0.6	0.7	0.3	0.6
60 - Parkland													
First Nations	98	64	64	64	85	85	85	83	64	0	0	0	0
Rate per 100		65.3	65.3	65.3	86.7	86.7	86.7	84.7	65.3	0.0	0.0	0.0	0.0
Non-First Nations	404	305	305	305	383	383	383	382	305	2	3	2	1
Rate per 100		75.5	75.5	75.5	94.8	94.8	94.8	94.6	75.5	0.5	0.7	0.5	0.2
All Children	502	369	369	369	468	468	468	465	369	2	3	2	1
Rate per 100		73.5	73.5	73.5	93.2	93.2	93.2	92.6	73.5	0.4	0.6	0.4	0.2

Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2002

Age 2

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
70 - Norman													
First Nations	175	78	78	78	139	139	139	140	77	1	0	0	0
Rate per 100		44.6	44.6	44.6	79.4	79.4	79.4	80.0	44.0	0.6	0.0	0.0	0.0
Non-First Nations	267	192	192	192	227	227	228	231	191	2	2	0	0
Rate per 100		71.9	71.9	71.9	85.0	85.0	85.4	86.5	71.5	0.7	0.7	0.0	0.0
All Children	442	270	270	270	366	366	367	371	268	3	2	0	0
Rate per 100		61.1	61.1	61.1	82.8	82.8	83.0	83.9	60.6	0.7	0.5	0.0	0.0
80 - Burntwood													
First Nations	699	315	315	313	510	509	554	474	252	4	0	1	0
Rate per 100		45.1	45.1	44.8	73.0	72.8	79.3	67.8	36.1	0.6	0.0	0.1	0.0
Non-First Nations	316	209	209	209	258	258	262	267	198	3	6	1	0
Rate per 100		66.1	66.1	66.1	81.6	81.6	82.9	84.5	62.7	0.9	1.9	0.3	0.0
All Children	1,015	524	524	522	768	767	816	741	450	7	6	2	0
Rate per 100		51.6	51.6	51.4	75.7	75.6	80.4	73.0	44.3	0.7	0.6	0.2	0.0
90 - Churchill													
First Nations	5	5	5	5	5	5	5	5	5	0	0	0	0
Rate per 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
Non-First Nations	12	9	9	9	12	12	12	12	9	0	0	0	0
Rate per 100		75.0	75.0	75.0	100.0	100.0	100.0	100.0	75.0	0.0	0.0	0.0	0.0
All Children	17	14	14	14	17	17	17	17	14	0	0	0	0
Rate per 100		82.4	82.4	82.4	100.0	100.0	100.0	100.0	82.4	0.0	0.0	0.0	0.0

Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2002

Age 7

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HiB	HBV	V	M	P
MANITOBA													
First Nations	1,967	1,129	1,129	1,111	1,388	1,870	1,871	1,714	1,275	5	0	0	0
Rate per 100		57.4	57.4	56.5	70.6	95.1	95.1	87.1	64.8	0.3	0.0	0.0	0.0
Non-First Nations	14,326	11,310	11,313	10,864	11,815	13,433	13,433	13,104	11,869	207	120	36	11
Rate per 100		78.9	79.0	75.8	82.5	93.8	93.8	91.5	82.8	1.4	0.8	0.3	0.1
All Children	16,293	12,439	12,442	11,975	13,203	15,303	15,304	14,818	13,144	212	120	36	11
Rate per 100		76.3	76.4	73.5	81.0	93.9	93.9	90.9	80.7	1.3	0.7	0.2	0.1
10 - Winnipeg													
First Nations	419	242	242	238	266	392	392	380	302	3	0	0	0
Rate per 100		57.8	57.8	56.8	63.5	93.6	93.6	90.7	72.1	0.7	0.0	0.0	0.0
Non-First Nations	8,105	6,156	6,160	5,858	6,444	7,523	7,523	7,283	6,540	124	92	21	6
Rate per 100		76.0	76.0	72.3	79.5	92.8	92.8	89.9	80.7	1.5	1.1	0.3	0.1
All Children	8,524	6,398	6,402	6,096	6,710	7,915	7,915	7,663	6,842	127	92	21	6
Rate per 100		75.1	75.1	71.5	78.7	92.9	92.9	89.9	80.3	1.5	1.1	0.2	0.1
15 - Brandon													
First Nations	60	37	37	37	45	56	56	54	44	0	0	0	0
Rate per 100		61.7	61.7	61.7	75.0	93.3	93.3	90.0	73.3	0.0	0.0	0.0	0.0
Non-First Nations	588	470	470	467	504	551	551	530	487	7	3	2	1
Rate per 100		79.9	79.9	79.4	85.7	93.7	93.7	90.1	82.8	1.2	0.5	0.3	0.2
All Children	648	507	507	504	549	607	607	584	531	7	3	2	1
Rate per 100		78.2	78.2	77.8	84.7	93.7	93.7	90.1	81.9	1.1	0.5	0.3	0.2
20 - North Eastman													
First Nations	148	77	77	74	96	144	144	134	99	0	0	0	0
Rate per 100		52.0	52.0	50.0	64.9	97.3	97.3	90.5	66.9	0.0	0.0	0.0	0.0
Non-First Nations	429	359	359	328	377	418	418	414	378	1	0	0	0
Rate per 100		83.7	83.7	76.5	87.9	97.4	97.4	96.5	88.1	0.2	0.0	0.0	0.0
All Children	577	436	436	402	473	562	562	548	477	1	0	0	0
Rate per 100		75.6	75.6	69.7	82.0	97.4	97.4	95.0	82.7	0.2	0.0	0.0	0.0
25 - South Eastman													
First Nations	4	1	1	1	1	3	3	1	1	0	0	0	0
Rate per 100		25.0	25.0	25.0	25.0	75.0	75.0	25.0	25.0	0.0	0.0	0.0	0.0
Non-First Nations	953	797	797	769	821	898	898	890	816	21	2	1	0
Rate per 100		83.6	83.6	80.7	86.1	94.2	94.2	93.4	85.6	2.2	0.2	0.1	0.0
All Children	957	798	798	770	822	901	901	891	817	21	2	1	0
Rate per 100		83.4	83.4	80.5	85.9	94.1	94.1	93.1	85.4	2.2	0.2	0.1	0.0
30 - Interlake													
First Nations	158	116	116	115	130	153	153	148	120	0	0	0	0
Rate per 100		73.4	73.4	72.8	82.3	96.8	96.8	93.7	75.9	0.0	0.0	0.0	0.0
Non-First Nations	934	737	735	701	770	886	886	867	791	6	10	1	1
Rate per 100		78.9	78.7	75.1	82.4	94.9	94.9	92.8	84.7	0.6	1.1	0.1	0.1
All Children	1,092	853	851	816	900	1,039	1,039	1,015	911	6	10	1	1
Rate per 100		78.1	77.9	74.7	82.4	95.1	95.1	92.9	83.4	0.5	0.9	0.1	0.1
40 - Central													
First Nations	144	49	49	48	94	137	137	103	63	1	0	0	0
Rate per 100		34.0	34.0	33.3	65.3	95.1	95.1	71.5	43.8	0.7	0.0	0.0	0.0
Non-First Nations	1,401	1,175	1,175	1,144	1,211	1,319	1,319	1,315	1,199	25	9	2	1
Rate per 100		83.9	83.9	81.7	86.4	94.1	94.1	93.9	85.6	1.8	0.6	0.1	0.1
All Children	1,545	1,224	1,224	1,192	1,305	1,456	1,456	1,418	1,262	26	9	2	1
Rate per 100		79.2	79.2	77.2	84.5	94.2	94.2	91.8	81.7	1.7	0.6	0.1	0.1
45 - Assiniboine													
First Nations	79	40	41	40	48	69	70	61	45	0	0	0	0
Rate per 100		50.6	51.9	50.6	60.8	87.3	88.6	77.2	57.0	0.0	0.0	0.0	0.0
Non-First Nations	785	687	688	676	708	755	755	744	708	10	3	5	1
Rate per 100		87.5	87.6	86.1	90.2	96.2	96.2	94.8	90.2	1.3	0.4	0.6	0.1
All Children	864	727	729	716	756	824	825	805	753	10	3	5	1
Rate per 100		84.1	84.4	82.9	87.5	95.4	95.5	93.2	87.2	1.2	0.3	0.6	0.1
60 - Parkland													
First Nations	101	85	85	84	95	101	101	98	88	0	0	0	0
Rate per 100		84.2	84.2	83.2	94.1	100.0	100.0	97.0	87.1	0.0	0.0	0.0	0.0
Non-First Nations	452	392	392	388	414	441	441	435	404	5	0	1	0
Rate per 100		86.7	86.7	85.8	91.6	97.6	97.6	96.2	89.4	1.1	0.0	0.2	0.0
All Children	553	477	477	472	509	542	542	533	492	5	0	1	0
Rate per 100		86.3	86.3	85.4	92.0	98.0	98.0	96.4	89.0	0.9	0.0	0.2	0.0

Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2002

Age 7

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
70 - Norman													
First Nations	141	104	104	104	116	139	139	134	113	0	0	0	0
Rate per 100		73.8	73.8	73.8	82.3	98.6	98.6	95.0	80.1	0.0	0.0	0.0	0.0
Non-First Nations	315	271	271	268	278	300	300	300	281	4	0	0	1
Rate per 100		86.0	86.0	85.1	88.3	95.2	95.2	95.2	89.2	1.3	0.0	0.0	0.3
All Children	456	375	375	372	394	439	439	434	394	4	0	0	1
Rate per 100		82.2	82.2	81.6	86.4	96.3	96.3	95.2	86.4	0.9	0.0	0.0	0.2
80 - Burntwood													
First Nations	707	373	372	365	492	671	671	596	395	1	0	0	0
Rate per 100		52.8	52.6	51.6	69.6	94.9	94.9	84.3	55.9	0.1	0.0	0.0	0.0
Non-First Nations	348	251	251	250	273	324	324	308	248	3	1	3	0
Rate per 100		72.1	72.1	71.8	78.4	93.1	93.1	88.5	71.3	0.9	0.3	0.9	0.0
All Children	1,055	624	623	615	765	995	995	904	643	4	1	3	0
Rate per 100		59.1	59.1	58.3	72.5	94.3	94.3	85.7	60.9	0.4	0.1	0.3	0.0
90 - Churchill													
First Nations	6	5	5	5	5	5	5	5	5	0	0	0	0
Rate per 100		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	0.0	0.0	0.0	0.0
Non-First Nations	16	15	15	15	15	18	18	18	17	1	0	0	0
Rate per 100		93.8	93.8	93.8	93.8	112.5	112.5	112.5	106.3	6.3	0.0	0.0	0.0
All Children	22	20	20	20	20	23	23	23	22	1	0	0	0
Rate per 100		90.9	90.9	90.9	90.9	104.5	104.5	104.5	100.0	4.5	0.0	0.0	0.0

Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2002

Age 11

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
MANITOBA													
First Nations	1,919	1,136	1,136	1,078	1,159	1,765	1,780	1,601	84	729	0	286	0
Rate per 100		59.2	59.2	56.2	60.4	92.0	92.8	83.4	4.4	38.0	0.0	14.9	0.0
Non-First Nations	15,380	13,113	13,117	12,174	12,977	14,563	14,571	14,293	1,112	10,859	25	343	15
Rate per 100		85.3	85.3	79.2	84.4	94.7	94.7	92.9	7.2	70.6	0.2	2.2	0.1
All Children	17,299	14,249	14,253	13,252	14,136	16,328	16,351	15,894	1,196	11,588	25	629	15
Rate per 100		82.4	82.4	76.6	81.7	94.4	94.5	91.9	6.9	67.0	0.1	3.6	0.1
10 - Winnipeg													
First Nations	382	275	275	260	252	364	364	349	30	172	0	20	0
Rate per 100		72.0	72.0	68.1	66.0	95.3	95.3	91.4	7.9	45.0	0.0	5.2	0.0
Non-First Nations	8,437	7,146	7,147	6,585	7,056	7,917	7,919	7,747	684	5,874	21	61	7
Rate per 100		84.7	84.7	78.0	83.6	93.8	93.9	91.8	8.1	69.6	0.2	0.7	0.1
All Children	8,819	7,421	7,422	6,845	7,308	8,281	8,283	8,096	714	6,046	21	81	7
Rate per 100		84.1	84.2	77.6	82.9	93.9	93.9	91.8	8.1	68.6	0.2	0.9	0.1
15 - Brandon													
First Nations	50	32	32	28	43	48	49	46	2	32	0	3	0
Rate per 100		64.0	64.0	56.0	86.0	96.0	98.0	92.0	4.0	64.0	0.0	6.0	0.0
Non-First Nations	640	495	495	469	523	581	581	562	49	477	0	11	1
Rate per 100		77.3	77.3	73.3	81.7	90.8	90.8	87.8	7.7	74.5	0.0	1.7	0.2
All Children	690	527	527	497	566	629	630	608	51	509	0	14	1
Rate per 100		76.4	76.4	72.0	82.0	91.2	91.3	88.1	7.4	73.8	0.0	2.0	0.1
20 - North Eastman													
First Nations	165	88	88	80	76	151	153	131	5	49	0	4	0
Rate per 100		53.3	53.3	48.5	46.1	91.5	92.7	79.4	3.0	29.7	0.0	2.4	0.0
Non-First Nations	500	452	453	404	438	484	484	476	32	335	2	16	1
Rate per 100		90.4	90.6	80.8	87.6	96.8	96.8	95.2	6.4	67.0	0.4	3.2	0.2
All Children	665	540	541	484	514	635	637	607	37	384	2	20	1
Rate per 100		81.2	81.4	72.8	77.3	95.5	95.8	91.3	5.6	57.7	0.3	3.0	0.2
25 - South Eastman													
First Nations	7	5	5	4	5	7	7	5	0	1	0	1	0
Rate per 100		71.4	71.4	57.1	71.4	100.0	100.0	71.4	0.0	14.3	0.0	14.3	0.0
Non-First Nations	1,004	898	898	845	885	964	965	967	77	694	0	6	2
Rate per 100		89.4	89.4	84.2	88.1	96.0	96.1	96.3	7.7	69.1	0.0	0.6	0.2
All Children	1,011	903	903	849	890	971	972	972	77	695	0	7	2
Rate per 100		89.3	89.3	84.0	88.0	96.0	96.1	96.1	7.6	68.7	0.0	0.7	0.2
30 - Interlake													
First Nations	141	101	101	97	86	138	138	120	4	61	0	7	0
Rate per 100		71.6	71.6	68.8	61.0	97.9	97.9	85.1	2.8	43.3	0.0	5.0	0.0
Non-First Nations	1,035	896	895	825	837	990	991	974	86	757	0	15	0
Rate per 100		86.6	86.5	79.7	80.9	95.7	95.7	94.1	8.3	73.1	0.0	1.4	0.0
All Children	1,176	997	996	922	923	1,128	1,129	1,094	90	818	0	22	0
Rate per 100		84.8	84.7	78.4	78.5	95.9	96.0	93.0	7.7	69.6	0.0	1.9	0.0
40 - Central													
First Nations	162	66	66	63	85	134	134	103	6	55	0	15	0
Rate per 100		40.7	40.7	38.9	52.5	82.7	82.7	63.6	3.7	34.0	0.0	9.3	0.0
Non-First Nations	1,584	1,407	1,410	1,341	1,387	1,539	1,538	1,533	73	1,113	1	9	3
Rate per 100		88.8	89.0	84.7	87.6	97.2	97.1	96.8	4.6	70.3	0.1	0.6	0.2
All Children	1,746	1,473	1,476	1,404	1,472	1,673	1,672	1,636	79	1,168	1	24	3
Rate per 100		84.4	84.5	80.4	84.3	95.8	95.8	93.7	4.5	66.9	0.1	1.4	0.2
45 - Assiniboine													
First Nations	76	53	53	52	37	69	71	67	2	29	0	21	0
Rate per 100		69.7	69.7	68.4	48.7	90.8	93.4	88.2	2.6	38.2	0.0	27.6	0.0
Non-First Nations	939	821	821	772	784	901	902	886	61	713	1	11	0
Rate per 100		87.4	87.4	82.2	83.5	96.0	96.1	94.4	6.5	75.9	0.1	1.2	0.0
All Children	1,015	874	874	824	821	970	973	953	63	742	1	32	0
Rate per 100		86.1	86.1	81.2	80.9	95.6	95.9	93.9	6.2	73.1	0.1	3.2	0.0
60 - Parkland													
First Nations	103	88	88	85	87	101	101	100	2	69	0	63	0
Rate per 100		85.4	85.4	82.5	84.5	98.1	98.1	97.1	1.9	67.0	0.0	61.2	0.0
Non-First Nations	537	479	479	459	486	524	524	511	24	420	0	73	1
Rate per 100		89.2	89.2	85.5	90.5	97.6	97.6	95.2	4.5	78.2	0.0	13.6	0.2
All Children	640	567	567	544	573	625	625	611	26	489	0	136	1
Rate per 100		88.6	88.6	85.0	89.5	97.7	97.7	95.5	4.1	76.4	0.0	21.3	0.2

Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2002

Age 11

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
70 - Norman													
First Nations	143	99	99	97	118	135	138	132	5	83	0	80	0
Rate per 100		69.2	69.2	67.8	82.5	94.4	96.5	92.3	3.5	58.0	0.0	55.9	0.0
Non-First Nations	324	260	260	247	278	316	319	307	7	252	0	110	0
Rate per 100		80.2	80.2	76.2	85.8	97.5	98.5	94.8	2.2	77.8	0.0	34.0	0.0
All Children	467	359	359	344	396	451	457	439	12	335	0	190	0
Rate per 100		76.9	76.9	73.7	84.8	96.6	97.9	94.0	2.6	71.7	0.0	40.7	0.0
80 - Burntwood													
First Nations	686	325	325	308	366	614	621	544	28	176	0	72	0
Rate per 100		47.4	47.4	44.9	53.4	89.5	90.5	79.3	4.1	25.7	0.0	10.5	0.0
Non-First Nations	370	250	250	218	296	339	339	321	19	220	0	31	0
Rate per 100		67.6	67.6	58.9	80.0	91.6	91.6	86.8	5.1	59.5	0.0	8.4	0.0
All Children	1,056	575	575	526	662	953	960	865	47	396	0	103	0
Rate per 100		54.5	54.5	49.8	62.7	90.2	90.9	81.9	4.5	37.5	0.0	9.8	0.0
90 - Churchill													
First Nations	4	4	4	4	4	4	4	4	0	2	0	0	0
Rate per 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	50.0	0.0	0.0	0.0
Non-First Nations	10	9	9	9	7	8	9	9	0	4	0	0	0
Rate per 100		90.0	90.0	90.0	70.0	80.0	90.0	90.0	0.0	40.0	0.0	0.0	0.0
All Children	14	13	13	13	11	12	13	13	0	6	0	0	0
Rate per 100		92.9	92.9	92.9	78.6	85.7	92.9	92.9	0.0	42.9	0.0	0.0	0.0

Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2002

Age 17

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
MANITOBA													
First Nations	1,548	337	339	674	885	1,087	1,257	1,054	2	16	0	370	0
Rate per 100		21.8	21.9	43.5	57.2	70.2	81.2	68.1	0.1	1.0	0.0	23.9	0.0
Non-First Nations	15,146	9,953	9,976	10,109	12,269	13,667	14,252	13,596	9	354	10	7,177	25
Rate per 100		65.7	65.9	66.7	81.0	90.2	94.1	89.8	0.1	2.3	0.1	47.4	0.2
All Children	16,694	10,290	10,315	10,783	13,154	14,754	15,509	14,650	11	370	10	7,547	25
Rate per 100		61.6	61.8	64.6	78.8	88.4	92.9	87.8	0.1	2.2	0.1	45.2	0.1
10 - Winnipeg													
First Nations	267	56	57	96	120	168	222	162	0	9	0	121	0
Rate per 100		21.0	21.3	36.0	44.9	62.9	83.1	60.7	0.0	3.4	0.0	45.3	0.0
Non-First Nations	8,264	4,893	4,908	4,966	6,388	7,183	7,661	7,143	4	255	10	6,629	8
Rate per 100		59.2	59.4	60.1	77.3	86.9	92.7	86.4	0.0	3.1	0.1	80.2	0.1
All Children	8,531	4,949	4,965	5,062	6,508	7,351	7,883	7,305	4	264	10	6,750	8
Rate per 100		58.0	58.2	59.3	76.3	86.2	92.4	85.6	0.0	3.1	0.1	79.1	0.1
15 - Brandon													
First Nations	38	6	6	15	24	30	31	31	0	2	0	4	0
Rate per 100		15.8	15.8	39.5	63.2	78.9	81.6	81.6	0.0	5.3	0.0	10.5	0.0
Non-First Nations	681	494	494	474	570	618	634	608	0	10	0	18	2
Rate per 100		72.5	72.5	69.6	83.7	90.7	93.1	89.3	0.0	1.5	0.0	2.6	0.3
All Children	719	500	500	489	594	648	665	639	0	12	0	22	2
Rate per 100		69.5	69.5	68.0	82.6	90.1	92.5	88.9	0.0	1.7	0.0	3.1	0.3
20 - North Eastman													
First Nations	135	30	31	63	87	105	116	102	0	1	0	14	0
Rate per 100		22.2	23.0	46.7	64.4	77.8	85.9	75.6	0.0	0.7	0.0	10.4	0.0
Non-First Nations	549	399	399	405	483	524	530	522	1	10	0	77	1
Rate per 100		72.7	72.7	73.8	88.0	95.4	96.5	95.1	0.2	1.8	0.0	14.0	0.2
All Children	684	429	430	468	570	629	646	624	1	11	0	91	1
Rate per 100		62.7	62.9	68.4	83.3	92.0	94.4	91.2	0.1	1.6	0.0	13.3	0.1
25 - South Eastman													
First Nations	5	2	2	3	2	3	3	4	0	0	0	0	0
Rate per 100		40.0	40.0	60.0	40.0	60.0	60.0	80.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	910	692	693	655	768	884	884	881	1	12	0	56	5
Rate per 100		76.0	76.2	72.0	84.4	97.1	97.1	96.8	0.1	1.3	0.0	6.2	0.5
All Children	915	694	695	658	770	887	887	885	1	12	0	56	5
Rate per 100		75.8	76.0	71.9	84.2	96.9	96.9	96.7	0.1	1.3	0.0	6.1	0.5
30 - Interlake													
First Nations	126	32	32	59	96	105	120	108	0	0	0	9	0
Rate per 100		25.4	25.4	46.8	76.2	83.3	95.2	85.7	0.0	0.0	0.0	7.1	0.0
Non-First Nations	1,033	703	703	662	884	947	981	942	0	15	0	88	1
Rate per 100		68.1	68.1	64.1	85.6	91.7	95.0	91.2	0.0	1.5	0.0	8.5	0.1
All Children	1,159	735	735	721	980	1,052	1,101	1,050	0	15	0	97	1
Rate per 100		63.4	63.4	62.2	84.6	90.8	95.0	90.6	0.0	1.3	0.0	8.4	0.1
40 - Central													
First Nations	128	30	30	52	60	82	87	80	0	1	0	15	0
Rate per 100		23.4	23.4	40.6	46.9	64.1	68.0	62.5	0.0	0.8	0.0	11.7	0.0
Non-First Nations	1,538	1,205	1,206	1,234	1,335	1,471	1,473	1,473	0	23	0	66	2
Rate per 100		78.3	78.4	80.2	86.8	95.6	95.8	95.8	0.0	1.5	0.0	4.3	0.1
All Children	1,666	1,235	1,236	1,286	1,395	1,553	1,560	1,553	0	24	0	81	2
Rate per 100		74.1	74.2	77.2	83.7	93.2	93.6	93.2	0.0	1.4	0.0	4.9	0.1
45 - Assiniboine													
First Nations	71	19	19	46	46	56	61	56	0	1	0	19	0
Rate per 100		26.8	26.8	64.8	64.8	78.9	85.9	78.9	0.0	1.4	0.0	26.8	0.0
Non-First Nations	980	760	764	801	804	922	951	924	1	8	0	27	3
Rate per 100		77.6	78.0	81.7	82.0	94.1	97.0	94.3	0.1	0.8	0.0	2.8	0.3
All Children	1,051	779	783	847	850	978	1,012	980	1	9	0	46	3
Rate per 100		74.1	74.5	80.6	80.9	93.1	96.3	93.2	0.1	0.9	0.0	4.4	0.3
60 - Parkland													
First Nations	91	45	45	67	71	85	87	82	0	0	0	56	0
Rate per 100		49.5	49.5	73.6	78.0	93.4	95.6	90.1	0.0	0.0	0.0	61.5	0.0
Non-First Nations	553	428	429	478	511	540	547	538	1	10	0	65	1
Rate per 100		77.4	77.6	86.4	92.4	97.6	98.9	97.3	0.2	1.8	0.0	11.8	0.2
All Children	644	473	474	545	582	625	634	620	1	10	0	121	1
Rate per 100		73.4	73.6	84.6	90.4	97.0	98.4	96.3	0.2	1.6	0.0	18.8	0.2

Childhood Immunization Coverage Data By Patient Age

January 1 - December 31, 2002

Age 17

	Pop	Diphth.	Tet.	Pert.	Measles	Mumps	Rubella	Polio	HIB	HBV	V	M	P
70 - Norman													
First Nations	129	37	37	81	90	103	121	100	0	0	0	76	0
Rate per 100		28.7	28.7	62.8	69.8	79.8	93.8	77.5	0.0	0.0	0.0	58.9	0.0
Non-First Nations	317	216	216	238	269	295	299	295	1	9	0	117	2
Rate per 100		68.1	68.1	75.1	84.9	93.1	94.3	93.1	0.3	2.8	0.0	36.9	0.6
All Children	446	253	253	319	359	398	420	395	1	9	0	193	2
Rate per 100		56.7	56.7	71.5	80.5	89.2	94.2	88.6	0.2	2.0	0.0	43.3	0.4
80 - Burntwood													
First Nations	557	80	80	192	288	349	408	328	2	2	0	56	0
Rate per 100		14.4	14.4	34.5	51.7	62.7	73.2	58.9	0.4	0.4	0.0	10.1	0.0
Non-First Nations	313	157	158	191	252	276	285	263	0	2	0	34	0
Rate per 100		50.2	50.5	61.0	80.5	88.2	91.1	84.0	0.0	0.6	0.0	10.9	0.0
All Children	870	237	238	383	540	625	693	591	2	4	0	90	0
Rate per 100		27.2	27.4	44.0	62.1	71.8	79.7	67.9	0.2	0.5	0.0	10.3	0.0
90 - Churchill													
First Nations	1	0	0	0	1	1	1	1	0	0	0	0	0
Rate per 100		0.0	0.0	0.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0
Non-First Nations	8	6	6	5	5	7	7	7	0	0	0	0	0
Rate per 100		75.0	75.0	62.5	62.5	87.5	87.5	87.5	0.0	0.0	0.0	0.0	0.0
All Children	9	6	6	5	6	8	8	8	0	0	0	0	0
Rate per 100		66.7	66.7	55.6	66.7	88.9	88.9	88.9	0.0	0.0	0.0	0.0	0.0

4. Childhood Immunization Coverage Reports, January 1, 2002 – December 31, 2002

4.3 Coverage Based on Health Registration – Per cent Complete for Age

- Manitoba
- By RHA

Notes:

A client considered "Complete for Age" has received all of the doses of each vaccine recommended for his/her age. For vaccines considered in "Complete for Age" see Section 2, "Description of Criteria for MIMS Annual Reports."

Continuous Health Registration – reflects clients who have been registered with Manitoba Health for benefits, without interruption, since birth. Non-continuous Health Registration – reflects clients who, if born in Manitoba moved out for a period and then returned, or clients who were born outside of Manitoba and moved into the province (i.e., interrupted health benefit registration).

Coverage rate calculation methods allow for rates that may exceed 100 per cent, particularly when populations are small. This is because the population (i.e., denominator) is assigned using June data within the calendar year, while the MIMS data are from April following the end of the calendar year.

Childhood Immunization Coverage Report Based on Health Registration

January 1 - December 31, 2002

Age		Continuous Health Registration			Non-continuous Health Registration		
		No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children
MANITOBA							
1	First Nations	2,011	1,083	53.9	1,979	1,071	54.1	32	12	37.5
	Non-First Nations	12,102	10,095	83.4	11,533	9,849	85.4	569	246	43.2
	All 1 Year Olds	14,113	11,178	79.2	13,512	10,920	80.8	601	258	42.9
2	First Nations	2,005	830	41.4	1,970	824	41.8	35	6	17.1
	Non-First Nations	12,268	8,676	70.7	11,390	8,466	74.3	878	210	23.9
	All 2 Year Olds	14,273	9,506	66.6	13,360	9,290	69.5	913	216	23.7
7	First Nations	1,967	954	48.5	1,886	925	49.0	81	29	35.8
	Non-First Nations	14,326	10,196	71.2	12,151	9,389	77.3	2,175	807	37.1
	All 7 Year Olds	16,293	11,150	68.4	14,037	10,314	73.5	2,256	836	37.1
11	First Nations	1,919	785	40.9	1,783	742	41.6	136	43	31.6
	Non-First Nations	15,380	11,323	73.6	12,367	9,981	80.7	3,013	1,342	44.5
	All 11 Year Olds	17,299	12,108	70.0	14,150	10,723	75.8	3,149	1,385	44.0
17	First Nations	1,548	252	16.3	1,388	231	16.6	160	21	13.1
	Non-First Nations	15,146	7,805	51.5	11,428	6,690	58.5	3,718	1,115	30.0
	All 17 Year Olds	16,694	8,057	48.3	12,816	6,921	54.0	3,878	1,136	29.3
10 - Winnipeg							
1	First Nations	457	293	64.1	447	288	64.4	10	5	50.0
	Non-First Nations	6,956	5,819	83.7	6,634	5,729	86.4	322	90	28.0
	All 1 Year Olds	7,413	6,112	82.4	7,081	6,017	85.0	332	95	28.6
2	First Nations	472	238	50.4	456	234	51.3	16	4	25.0
	Non-First Nations	7,001	4,964	70.9	6,502	4,888	75.2	499	76	15.2
	All 2 Year Olds	7,473	5,202	69.6	6,958	5,122	73.6	515	80	15.5
7	First Nations	419	200	47.7	390	188	48.2	29	12	41.4
	Non-First Nations	8,105	5,426	66.9	6,831	5,048	73.9	1,274	378	29.7
	All 7 Year Olds	8,524	5,626	66.0	7,221	5,236	72.5	1,303	390	29.9
11	First Nations	382	210	55.0	330	191	57.9	52	19	36.5
	Non-First Nations	8,437	6,155	73.0	6,683	5,400	80.8	1,754	755	43.0
	All 11 Year Olds	8,819	6,365	72.2	7,013	5,591	79.7	1,806	774	42.9
17	First Nations	267	38	14.2	223	37	16.6	44	1	2.3
	Non-First Nations	8,264	3,615	43.7	5,928	2,996	50.5	2,336	619	26.5
	All 17 Year Olds	8,531	3,653	42.8	6,151	3,033	49.3	2,380	620	26.1

Childhood Immunization Coverage Report Based on Health Registration

January 1 - December 31, 2002

Age		Total			Continuous Health Registration			Non-continuous Health Registration		
		No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children
15 - Brandon										
1	First Nations	48	30	62.5	48	30	62.5	0	0	0.0
	Non-First Nations	500	439	87.8	464	423	91.2	36	16	44.4
	All 1 Year Olds	548	469	85.6	512	453	88.5	36	16	44.4
2	First Nations	56	23	41.1	55	22	40.0	1	1	100.0
	Non-First Nations	525	376	71.6	473	368	77.8	52	8	15.4
	All 2 Year Olds	581	399	68.7	528	390	73.9	53	9	17.0
7	First Nations	60	34	56.7	57	33	57.9	3	1	33.3
	Non-First Nations	588	457	77.7	463	392	84.7	125	65	52.0
	All 7 Year Olds	648	491	75.8	520	425	81.7	128	66	51.6
11	First Nations	50	27	54.0	45	23	51.1	5	4	80.0
	Non-First Nations	640	446	69.7	476	397	83.4	164	49	29.9
	All 11 Year Olds	690	473	68.6	521	420	80.6	169	53	31.4
17	First Nations	38	5	13.2	29	4	13.8	9	1	11.1
	Non-First Nations	681	406	59.6	498	341	68.5	183	65	35.5
	All 17 Year Olds	719	411	57.2	527	345	65.5	192	66	34.4
20 - North Eastman										
1	First Nations	184	91	49.5	179	88	49.2	5	3	60.0
	Non-First Nations	322	265	82.3	310	256	82.6	12	9	75.0
	All 1 Year Olds	506	356	70.4	489	344	70.3	17	12	70.6
2	First Nations	152	43	28.3	151	43	28.5	1	0	0.0
	Non-First Nations	334	238	71.3	323	234	72.4	11	4	36.4
	All 2 Year Olds	486	281	57.8	474	277	58.4	12	4	33.3
7	First Nations	148	63	42.6	143	61	42.7	5	2	40.0
	Non-First Nations	429	312	72.7	397	297	74.8	32	15	46.9
	All 7 Year Olds	577	375	65.0	540	358	66.3	37	17	45.9
11	First Nations	165	46	27.9	159	44	27.7	6	2	33.3
	Non-First Nations	500	379	75.8	430	336	78.1	70	43	61.4
	All 11 Year Olds	665	425	63.9	589	380	64.5	76	45	59.2
17	First Nations	135	21	15.6	124	21	16.9	11	0	0.0
	Non-First Nations	549	327	59.6	457	291	63.7	92	36	39.1
	All 17 Year Olds	684	348	50.9	581	312	53.7	103	36	35.0
25 - South Eastman										
1	First Nations	6	5	83.3	6	5	83.3	0	0	0.0
	Non-First Nations	799	675	84.5	754	647	85.8	45	28	62.2
	All 1 Year Olds	805	680	84.5	760	652	85.8	45	28	62.2
2	First Nations	11	6	54.5	10	6	60.0	1	0	0.0
	Non-First Nations	785	542	69.0	714	520	72.8	71	22	31.0
	All 2 Year Olds	796	548	68.8	724	526	72.7	72	22	30.6
7	First Nations	4	1	25.0	4	1	25.0	0	0	0.0
	Non-First Nations	953	730	76.6	785	656	83.6	168	74	44.0
	All 7 Year Olds	957	731	76.4	789	657	83.3	168	74	44.0
11	First Nations	7	3	42.9	7	3	42.9	0	0	0.0
	Non-First Nations	1,004	797	79.4	802	695	86.7	202	102	50.5
	All 11 Year Olds	1,011	800	79.1	809	698	86.3	202	102	50.5
17	First Nations	5	1	20.0	5	1	20.0	0	0	0.0
	Non-First Nations	910	517	56.8	749	463	61.8	161	54	33.5
	All 17 Year Olds	915	518	56.6	754	464	61.5	161	54	33.5
30 - Interlake										
1	First Nations	135	81	60.0	133	80	60.2	2	1	50.0
	Non-First Nations	678	577	85.1	659	571	86.6	19	6	31.6
	All 1 Year Olds	813	658	80.9	792	651	82.2	21	7	33.3
2	First Nations	124	65	52.4	123	65	52.8	1	0	0.0
	Non-First Nations	688	487	70.8	654	484	74.0	34	3	8.8
	All 2 Year Olds	812	552	68.0	777	549	70.7	35	3	8.6
7	First Nations	158	106	67.1	152	104	68.4	6	2	33.3
	Non-First Nations	934	662	70.9	836	629	75.2	98	33	33.7
	All 7 Year Olds	1,092	768	70.3	988	733	74.2	104	35	33.7
11	First Nations	141	63	44.7	132	62	47.0	9	1	11.1
	Non-First Nations	1,035	720	69.6	915	675	73.8	120	45	37.5
	All 11 Year Olds	1,176	783	66.6	1,047	737	70.4	129	46	35.7
17	First Nations	126	25	19.8	119	23	19.3	7	2	28.6
	Non-First Nations	1,033	532	51.5	847	479	56.6	186	53	28.5
	All 17 Year Olds	1,159	557	48.1	966	502	52.0	193	55	28.5

Childhood Immunization Coverage Report Based on Health Registration

January 1 - December 31, 2002

Age		Continuous Health Registration			Non-continuous Health Registration					
		No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children
40 - Central										
1	First Nations	123	60	48.8	121	59	48.8	2	1	50.0
	Non-First Nations	1,261	1,005	79.7	1,205	962	79.8	56	43	76.8
	All 1 Year Olds	1,384	1,065	77.0	1,326	1,021	77.0	58	44	75.9
2	First Nations	140	49	35.0	139	49	35.3	1	0	0.0
	Non-First Nations	1,294	887	68.5	1,198	848	70.8	96	39	40.6
	All 2 Year Olds	1,434	936	65.3	1,337	897	67.1	97	39	40.2
7	First Nations	144	44	30.6	140	42	30.0	4	2	50.0
	Non-First Nations	1,401	1,090	77.8	1,200	994	82.8	201	96	47.8
	All 7 Year Olds	1,545	1,134	73.4	1,340	1,036	77.3	205	98	47.8
11	First Nations	162	52	32.1	149	46	30.9	13	6	46.2
	Non-First Nations	1,584	1,253	79.1	1,287	1,094	85.0	297	159	53.5
	All 11 Year Olds	1,746	1,305	74.7	1,436	1,140	79.4	310	165	53.2
17	First Nations	128	18	14.1	119	16	13.4	9	2	22.2
	Non-First Nations	1,538	1,039	67.6	1,238	920	74.3	300	119	39.7
	All 17 Year Olds	1,666	1,057	63.4	1,357	936	69.0	309	121	39.2
45 - Assiniboine										
1	First Nations	63	45	71.4	59	44	74.6	4	1	25.0
	Non-First Nations	629	554	88.1	606	538	88.8	23	16	69.6
	All 1 Year Olds	692	599	86.6	665	582	87.5	27	17	63.0
2	First Nations	73	32	43.8	71	32	45.1	2	0	0.0
	Non-First Nations	642	487	75.9	598	466	77.9	44	21	47.7
	All 2 Year Olds	715	519	72.6	669	498	74.4	46	21	45.7
7	First Nations	79	33	41.8	68	30	44.1	11	3	27.3
	Non-First Nations	785	651	82.9	687	598	87.0	98	53	54.1
	All 7 Year Olds	864	684	79.2	755	628	83.2	109	56	51.4
11	First Nations	76	30	39.5	63	29	46.0	13	1	7.7
	Non-First Nations	939	693	73.8	785	628	80.0	154	65	42.2
	All 11 Year Olds	1,015	723	71.2	848	657	77.5	167	66	39.5
17	First Nations	71	15	21.1	55	13	23.6	16	2	12.5
	Non-First Nations	980	639	65.2	806	578	71.7	174	61	35.1
	All 17 Year Olds	1,051	654	62.2	861	591	68.6	190	63	33.2
60 - Parkland										
1	First Nations	97	73	75.3	94	73	77.7	3	0	0.0
	Non-First Nations	371	318	85.7	348	298	85.6	23	20	87.0
	All 1 Year Olds	468	391	83.5	442	371	83.9	26	20	76.9
2	First Nations	98	63	64.3	95	62	65.3	3	1	33.3
	Non-First Nations	404	305	75.5	377	286	75.9	27	19	70.4
	All 2 Year Olds	502	368	73.3	472	348	73.7	30	20	66.7
7	First Nations	101	83	82.2	95	81	85.3	6	2	33.3
	Non-First Nations	452	380	84.1	372	333	89.5	80	47	58.8
	All 7 Year Olds	553	463	83.7	467	414	88.7	86	49	57.0
11	First Nations	103	76	73.8	95	71	74.7	8	5	62.5
	Non-First Nations	537	439	81.8	428	381	89.0	109	58	53.2
	All 11 Year Olds	640	515	80.5	523	452	86.4	117	63	53.8
17	First Nations	91	35	38.5	76	27	35.5	15	8	53.3
	Non-First Nations	553	398	72.0	440	351	79.8	113	47	41.6
	All 17 Year Olds	644	433	67.2	516	378	73.3	128	55	43.0
70 - Norman										
1	First Nations	165	82	49.7	163	82	50.3	2	0	0.0
	Non-First Nations	257	195	75.9	241	187	77.6	16	8	50.0
	All 1 Year Olds	422	277	65.6	404	269	66.6	18	8	44.4
2	First Nations	175	74	42.3	169	74	43.8	6	0	0.0
	Non-First Nations	267	188	70.4	241	176	73.0	26	12	46.2
	All 2 Year Olds	442	262	59.3	410	250	61.0	32	12	37.5
7	First Nations	141	93	66.0	137	89	65.0	4	4	100.0
	Non-First Nations	315	262	83.2	265	233	87.9	50	29	58.0
	All 7 Year Olds	456	355	77.9	402	322	80.1	54	33	61.1
11	First Nations	143	85	59.4	136	83	61.0	7	2	28.6
	Non-First Nations	324	229	70.7	255	193	75.7	69	36	52.2
	All 11 Year Olds	467	314	67.2	391	276	70.6	76	38	50.0
17	First Nations	129	29	22.5	116	28	24.1	13	1	7.7
	Non-First Nations	317	193	60.9	222	151	68.0	95	42	44.2
	All 17 Year Olds	446	222	49.8	338	179	53.0	108	43	39.8

Childhood Immunization Coverage Report Based on Health Registration

January 1 - December 31, 2002

Age		All Registration			Continuous Health Registration			Non-continuous Health Registration		
		No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children	No. of Children	Children Complete for Age	Rate per 100 Children
80 - Burntwood										
1	First Nations	727	317	43.6	723	316	43.7	4	1	25.0
	Non-First Nations	311	235	75.6	295	227	76.9	16	8	50.0
	All 1 Year Olds	1,038	552	53.2	1,018	543	53.3	20	9	45.0
2	First Nations	699	232	33.2	696	232	33.3	3	0	0.0
	Non-First Nations	316	193	61.1	300	188	62.7	16	5	31.3
	All 2 Year Olds	1,015	425	41.9	996	420	42.2	19	5	26.3
7	First Nations	707	292	41.3	694	291	41.9	13	1	7.7
	Non-First Nations	348	212	60.9	302	199	65.9	46	13	28.3
	All 7 Year Olds	1,055	504	47.8	996	490	49.2	59	14	23.7
11	First Nations	686	189	27.6	663	186	28.1	23	3	13.0
	Non-First Nations	370	205	55.4	300	176	58.7	70	29	41.4
	All 11 Year Olds	1,056	394	37.3	963	362	37.6	93	32	34.4
17	First Nations	557	65	11.7	522	61	11.7	35	4	11.4
	Non-First Nations	313	135	43.1	239	117	49.0	74	18	24.3
	All 17 Year Olds	870	200	23.0	761	178	23.4	109	22	20.2
90 - Churchill										
1	First Nations	6	6	100.0	6	6	100.0	0	0	0.0
	Non-First Nations	18	13	72.2	17	11	64.7	1	2	200.0
	All 1 Year Olds	24	19	79.2	23	17	73.9	1	2	200.0
2	First Nations	5	5	100.0	5	5	100.0	0	0	0.0
	Non-First Nations	12	9	75.0	10	8	80.0	2	1	50.0
	All 2 Year Olds	17	14	82.4	15	13	86.7	2	1	50.0
7	First Nations	6	5	83.3	6	5	83.3	0	0	0.0
	Non-First Nations	16	14	87.5	13	10	76.9	3	4	133.3
	All 7 Year Olds	22	19	86.4	19	15	78.9	3	4	133.3
11	First Nations	4	4	100.0	4	4	100.0	0	0	0.0
	Non-First Nations	10	7	70.0	6	6	100.0	4	1	25.0
	All 11 Year Olds	14	11	78.6	10	10	100.0	4	1	25.0
17	First Nations	1	0	0.0	0	0	0.0	1	0	0.0
	Non-First Nations	8	4	50.0	4	3	75.0	4	1	25.0
	All 17 Year Olds	9	4	44.4	4	3	75.0	5	1	20.0

5. Childhood Vaccine Doses Administered, by Provider Type, by Provider Location, January 1, 2002 – December 31, 2002

- Manitoba
- By RHA

Notes:

These data reflect doses administered by each provider type, based on the provider's RHA. They cannot be used to calculate immunization coverage rates, as the providers do not have a particular population denominator to which they are assigned.

The dates for immunization service are from January 1, 2002 – December 31, 2002, as entered into MIMS by April 2003.

"First Nations/Tribal" provider indicates the provider type was entered into MIMS as First Nations; it does not reflect that the client has been identified as First Nations.

Childhood Doses Administered Report by Provider Location

January 1 - December 31, 2002

Provider	DaPTP	DaPTP/ HIB	Td	MMR	HBV	HEPA/B	V	TdaP	M	P	Total Doses
MANITOBA											
Public Health Nurse											
First Nations	980	4,349	718	2,213	3,521	202	0	0	0	0	
Non-First Nations	3,213	9,471	9,678	6,156	34,027	481	62	0	22	52	
Total	4,193	13,820	10,396	8,369	37,548	683	62	0	22	52	75,145
Percentage of Doses Administered											52.0%
Physician											
First Nations	226	1,627	40	614	36	3	4	0	0	6	
Non-First Nations	7,507	33,402	1,089	16,672	2,007	594	1,516	21	106	1,430	
Total	7,733	35,029	1,129	17,286	2,043	597	1,520	21	106	1,436	66,900
Percentage of Doses Administered											46.3%
First Nation/Tribal Council											
First Nations	0	27	17	6	46	0	0	0	0	0	
Non-First Nations	2	11	1	4	13	0	0	0	0	0	
Total	2	38	18	10	59	0	0	0	0	0	127
Percentage of Doses Administered											0.1%
Other											
First Nations	59	326	79	173	64	0	0	0	0	0	
Non-First Nations	164	619	313	350	250	3	7	0	8	13	
Total	223	945	392	523	314	3	7	0	8	13	2,428
Percentage of Doses Administered											1.7%
Total for MANITOBA	12,151	49,832	11,935	26,188	39,964	1,283	1,589	21	136	1,501	144,600
10 - Winnipeg											
Public Health Nurse											
First Nations	22	13	52	37	679	0	0	0	0	0	
Non-First Nations	213	69	4,447	413	18,431	105	3	0	0	2	
Total	235	82	4,499	450	19,110	105	3	0	0	2	24,486
Percentage of Doses Administered											29.7%
Physician											
First Nations	189	1,353	37	519	35	3	3	0	0	6	
Non-First Nations	6,145	27,496	949	13,750	1,954	581	1,385	21	105	1,374	
Total	6,334	28,849	986	14,269	1,989	584	1,388	21	105	1,380	55,905
Percentage of Doses Administered											67.9%
Other											
First Nations	51	318	45	154	51	0	0	0	0	0	
Non-First Nations	139	520	177	288	190	0	1	0	0	10	
Total	190	838	222	442	241	0	1	0	0	10	1,944
Percentage of Doses Administered											2.4%
Total for 10 - Winnipeg	6,759	29,769	5,707	15,161	21,340	689	1,392	21	105	1,392	82,335

NOTE: 'Other' providers includes facilities, primary care providers, private health care providers, pharmacies, and other unknown providers

Childhood Doses Administered Report by Provider Location

January 1 - December 31, 2002

Provider	DaPTP	DaPTP/ HIB	Td	MMR	HBV	HEPA/B	V	TdaP	M	P	Total Doses
15 - Brandon											
Public Health Nurse											
First Nations	26	84	29	56	79	0	0	0	0	0	
Non-First Nations	163	440	509	307	1,412	22	0	0	0	2	
Total	189	524	538	363	1,491	22	0	0	0	2	3,129
Percentage of Doses Administered											49.5%
Physician											
First Nations	13	97	1	34	0	0	1	0	0	0	
Non-First Nations	387	1,659	38	783	4	4	87	0	0	43	
Total	400	1,756	39	817	4	4	88	0	0	43	3,151
Percentage of Doses Administered											49.8%
Other											
First Nations	1	2	5	2	0	0	0	0	0	0	
Non-First Nations	6	7	14	4	4	0	0	0	0	0	
Total	7	9	19	6	4	0	0	0	0	0	45
Percentage of Doses Administered											0.7%
Total for 15 - Brandon	596	2,289	596	1,186	1,499	26	88	0	0	45	6,325
20 - North Eastman											
Public Health Nurse											
First Nations	92	453	62	245	317	0	0	0	0	0	
Non-First Nations	122	356	241	238	1,075	4	0	0	0	0	
Total	214	809	303	483	1,392	4	0	0	0	0	3,205
Percentage of Doses Administered											90.7%
Physician											
Non-First Nations	59	127	18	92	14	0	0	0	0	0	
Total	59	127	18	92	14	0	0	0	0	0	310
Percentage of Doses Administered											8.8%
Other											
First Nations	0	0	7	0	0	0	0	0	0	0	
Non-First Nations	0	0	13	0	0	0	0	0	0	0	
Total	0	0	20	0	0	0	0	0	0	0	20
Percentage of Doses Administered											0.6%
Total for 20 - North	273	936	341	575	1,406	4	0	0	0	0	3,535
25 - South Eastman											
Public Health Nurse											
First Nations	8	30	6	11	18	0	0	0	0	0	
Non-First Nations	260	492	691	511	2,350	34	4	0	2	11	
Total	268	522	697	522	2,368	34	4	0	2	11	4,428
Percentage of Doses Administered											62.6%
Physician											
First Nations	1	11	0	3	0	0	0	0	0	0	
Non-First Nations	341	1,503	24	727	3	0	18	0	1	13	
Total	342	1,514	24	730	3	0	18	0	1	13	2,645
Percentage of Doses Administered											37.4%
Other											
Non-First Nations	0	0	1	0	0	0	0	0	0	0	
Total	0	0	1	0	0	0	0	0	0	0	1
Percentage of Doses Administered											0.0%
Total for 25 - South Eastman	610	2,036	722	1,252	2,371	34	22	0	3	24	7,074

NOTE: 'Other' providers includes facilities, primary care providers, private health care providers, pharmacies, and other unknown providers

Childhood Doses Administered Report by Provider Location

January 1 - December 31, 2002

Provider	DaPTP	DaPTP/ HIB	Td	MMR	HBV	HEPA/B	V	TdaP	M	P	Total Doses
30 - Interlake											
Public Health Nurse											
First Nations	93	375	60	207	285	39	0	0	0	0	
Non-First Nations	189	552	666	337	2,149	23	2	0	0	0	
Total	282	927	726	544	2,434	62	2	0	0	0	4,977
Percentage of Doses Administered											74.0%
Physician											
First Nations	6	23	1	11	0	0	0	0	0	0	
Non-First Nations	229	873	35	518	18	3	0	0	0	0	
Total	235	896	36	529	18	3	0	0	0	0	1,717
Percentage of Doses Administered											25.5%
First Nation/Tribal Council											
First Nations	0	0	1	0	0	0	0	0	0	0	
Non-First Nations	0	0	0	0	1	0	0	0	0	0	
Total	0	0	1	0	1	0	0	0	0	0	2
Percentage of Doses Administered											0.0%
Other											
First Nations	0	0	2	0	0	0	0	0	0	0	
Non-First Nations	0	0	28	0	0	0	0	0	0	0	
Total	0	0	30	0	0	0	0	0	0	0	30
Percentage of Doses Administered											0.4%
Total for 30 - Interlake	517	1,823	793	1,073	2,453	65	2	0	0	0	6,726
40 - Central											
Public Health Nurse											
First Nations	84	311	41	180	246	0	0	0	0	0	
Non-First Nations	836	2,662	1,252	1,568	3,542	139	17	0	3	11	
Total	920	2,973	1,293	1,748	3,788	139	17	0	3	11	10,892
Percentage of Doses Administered											84.8%
Physician											
First Nations	14	100	1	31	0	0	0	0	0	0	
Non-First Nations	205	1,036	12	501	5	1	9	0	0	0	
Total	219	1,136	13	532	5	1	9	0	0	0	1,915
Percentage of Doses Administered											14.9%
Other											
First Nations	0	0	9	1	0	0	0	0	0	0	
Non-First Nations	0	1	29	0	0	0	0	0	0	0	
Total	0	1	38	1	0	0	0	0	0	0	40
Percentage of Doses Administered											0.3%
Total for 40 - Central	1,139	4,110	1,344	2,281	3,793	140	26	0	3	11	12,847

NOTE: 'Other' providers includes facilities, primary care providers, private health care providers, pharmacies, and other unknown providers

Childhood Doses Administered Report by Provider Location

January 1 - December 31, 2002

Provider	DaPTP	DaPTP/ HIB	Td	MMR	HBV	HEPA/B	V	TdaP	M	P	Total Doses
45 - Assiniboine											
Public Health Nurse											
First Nations	30	189	25	73	144	0	0	0	0	0	
Non-First Nations	556	1,693	852	1,003	2,330	66	18	0	5	18	
Total	586	1,882	877	1,076	2,474	66	18	0	5	18	7,002
Percentage of Doses Administered											92.3%
Physician											
First Nations	0	3	0	0	0	0	0	0	0	0	
Non-First Nations	70	329	8	156	2	2	0	0	0	0	
Total	70	332	8	156	2	2	0	0	0	0	570
Percentage of Doses Administered											7.5%
First Nation/Tribal Council											
First Nations	0	5	0	0	0	0	0	0	0	0	
Non-First Nations	0	2	0	0	0	0	0	0	0	0	
Total	0	7	0	0	0	0	0	0	0	0	7
Percentage of Doses Administered											0.1%
Other											
Non-First Nations	0	0	10	0	0	0	0	0	0	0	
Total	0	0	10	0	0	0	0	0	0	0	10
Percentage of Doses Administered											0.1%
Total for 45 - Assiniboine	656	2,221	895	1,232	2,476	68	18	0	5	18	7,589
60 - Parkland											
Public Health Nurse											
First Nations	89	392	31	205	276	0	0	0	0	0	
Non-First Nations	357	1,123	484	669	1,127	12	4	0	0	1	
Total	446	1,515	515	874	1,403	12	4	0	0	1	4,770
Percentage of Doses Administered											88.1%
Physician											
First Nations	3	28	0	13	1	0	0	0	0	0	
Non-First Nations	69	356	5	139	4	3	2	0	0	0	
Total	72	384	5	152	5	3	2	0	0	0	623
Percentage of Doses Administered											11.5%
Other											
First Nations	0	0	4	0	0	0	0	0	0	0	
Non-First Nations	0	0	16	0	1	0	0	0	0	0	
Total	0	0	20	0	1	0	0	0	0	0	21
Percentage of Doses Administered											0.4%
Total for 60 - Parkland	518	1,899	540	1,026	1,409	15	6	0	0	1	5,414

NOTE: 'Other' providors includes facilities, primary care providers, private health care providers, pharmacies, and other unknown providers

Childhood Doses Administered Report by Provider Location

January 1 - December 31, 2002

Provider	DaPTP	DaPTP/ HIB	Td	MMR	HBV	HEPA/B	V	TdaP	M	P	Total Doses
70 - Norman											
Public Health Nurse											
First Nations	100	481	58	210	214	0	0	0	0	0	
Non-First Nations	247	933	242	488	782	21	4	0	0	5	
Total	347	1,414	300	698	996	21	4	0	0	5	3,785
Percentage of Doses Administered											99.7%
Other											
First Nations	0	0	3	0	0	0	0	0	0	0	
Non-First Nations	0	3	2	1	2	0	0	0	0	0	
Total	0	3	5	1	2	0	0	0	0	0	11
Percentage of Doses Administered											0.3%
Total for 70 - Norman	347	1,417	305	699	998	21	4	0	0	5	3,796
80 - Burntwood											
Public Health Nurse											
First Nations	431	1,999	352	976	1,258	163	0	0	0	0	
Non-First Nations	244	981	274	522	738	53	2	0	0	2	
Total	675	2,980	626	1,498	1,996	216	2	0	0	2	7,995
Percentage of Doses Administered											98.9%
Physician											
First Nations	0	12	0	3	0	0	0	0	0	0	
Non-First Nations	2	20	0	4	2	0	15	0	0	0	
Total	2	32	0	7	2	0	15	0	0	0	58
Percentage of Doses Administered											0.7%
Other											
First Nations	0	1	3	8	9	0	0	0	0	0	
Non-First Nations	0	0	3	1	3	0	0	0	0	0	
Total	0	1	6	9	12	0	0	0	0	0	28
Percentage of Doses Administered											0.3%
Total for 80 - Burntwood	677	3,013	632	1,514	2,010	216	17	0	0	2	8,081
90 - Churchill											
Public Health Nurse											
First Nations	5	15	1	12	5	0	0	0	0	0	
Non-First Nations	12	67	5	29	30	2	0	0	0	0	
Total	17	82	6	41	35	2	0	0	0	0	183
Percentage of Doses Administered											100.0%
Total for 90 - Churchill	17	82	6	41	35	2	0	0	0	0	183

NOTE: 'Other' providers includes facilities, primary care providers, private health care providers, pharmacies, and other unknown providers

Childhood Doses Administered Report by Provider Location

January 1 - December 31, 2002

Provider	DaPTP	DaPTP/ HIB	Td	MMR	HBV	HEPA/B	V	TdaP	M	P	Total Doses
95 - Unknown											
Public Health Nurse											
First Nations	0	0	1	1	0	0	0	0	0	0	
Total	0	0	1	1	0	0	0	0	0	0	2
Percentage of Doses Administered											1.4%
Physician											
Non-First Nations	0	3	0	2	1	0	0	0	0	0	
Total	0	3	0	2	1	0	0	0	0	0	6
Percentage of Doses Administered											4.1%
First Nation/Tribal Council											
First Nations	0	22	16	6	46	0	0	0	0	0	
Non-First Nations	2	9	1	4	12	0	0	0	0	0	
Total	2	31	17	10	58	0	0	0	0	0	118
Percentage of Doses Administered											80.3%
Other											
First Nations	0	1	0	1	0	0	0	0	0	0	
Non-First Nations	0	13	0	2	2	2	0	0	0	0	
Total	0	14	0	3	2	2	0	0	0	0	21
Percentage of Doses Administered											14.3%
Total for 95 - Unknown	2	48	18	16	61	2	0	0	0	0	147
99 - Non Manitoba											
Public Health Nurse											
First Nations	0	7	0	0	0	0	0	0	0	0	
Non-First Nations	14	103	15	71	61	0	8	0	12	0	
Total	14	110	15	71	61	0	8	0	12	0	291
Percentage of Doses Administered											53.1%
Other											
First Nations	7	4	1	7	4	0	0	0	0	0	
Non-First Nations	19	75	20	54	48	1	6	0	8	3	
Total	26	79	21	61	52	1	6	0	8	3	257
Percentage of Doses Administered											46.9%
Total for 99 - Non Manitoba	40	189	36	132	113	1	14	0	20	3	548

NOTE: 'Other' providers includes facilities, primary care providers, private health care providers, pharmacies, and other unknown providers

6. Influenza/Pneumococcal Immunization Coverage Reports, January 1, 2002 – December 31, 2002

6.1 By Patient Location

- Manitoba
- By RHA

Notes:

The population is selected using the client's address.

The "< 65 high risk" population estimate (i.e., denominator) is based on a calculation of 11 per cent of the total under 65 population. The same estimate is used for both influenza and pneumococcal high-risk groups, although the target population is not identical. The "<65 high risk" numerator data are those doses identified as such via public health data entry in MIMS. These same doses are also included in the "all <65" doses and coverage calculations.

Influenza coverage reflects doses administered in the 2002 calendar year, data entered by April 2003. Pneumococcal (2002) reflects doses administered in the 2002 calendar year, while pneumococcal (cumulative) reflects doses administered to clients from all previous years and including 2002.

Rate per 100 is the calculated coverage rate.

Influenza/Pneumococcal Immunization Coverage Report by First Nations Status

January 1 - December 31, 2002

	Influenza			Pneumococcal (2002)			Pneumococcal (Cumulative)		
	65+	<65 High Risk	All <65	65+	<65 High Risk	All <65	65+	<65 High Risk	All <65
Patient RHA: MANITOBA									
Non-First Nations									
Count	87,207	9,169	53,176	9,526	1,323	3,741	60,698	1,348	16,221
Population	159,890	101,360	921,736	159,890	101,360	921,736	159,890	101,360	921,736
Rate per 100	54.5	9.0	5.8	6.0	1.3	0.4	38.0	1.3	1.8
First Nations									
Count	774	1,129	2,737	75	136	224	431	136	856
Population	2,609	7,891	71,982	2,609	7,891	71,982	2,609	7,891	71,982
Rate per 100	29.7	14.3	3.8	2.9	1.7	0.3	16.5	1.7	1.2
Total									
Count	87,981	10,298	55,913	9,601	1,459	3,965	61,129	1,484	17,077
Population	162,499	109,251	993,718	162,499	109,251	993,718	162,499	109,251	993,718
Rate per 100	54.1	9.4	5.6	5.9	1.3	0.4	37.6	1.4	1.7
Patient RHA: 10 - Winnipeg									
Non-First Nations									
Count	52,201	2,736	29,978	5,714	564	2,212	35,892	574	9,091
Population	93,426	60,135	546,745	93,426	60,135	546,745	93,426	60,135	546,745
Rate per 100	55.9	4.5	5.5	6.1	0.9	0.4	38.4	1.0	1.7
First Nations									
Count	129	217	634	16	50	73	94	50	299
Population	377	1,731	15,791	377	1,731	15,791	377	1,731	15,791
Rate per 100	34.2	12.5	4.0	4.2	2.9	0.5	24.9	2.9	1.9
Total									
Count	52,330	2,953	30,612	5,730	614	2,285	35,986	624	9,390
Population	93,803	61,866	562,536	93,803	61,866	562,536	93,803	61,866	562,536
Rate per 100	55.8	4.8	5.4	6.1	1.0	0.4	38.4	1.0	1.7

Influenza/Pneumococcal Immunization Coverage Report by First Nations Status

January 1 - December 31, 2002

	Influenza			Pneumococcal (2002)			Pneumococcal (Cumulative)		
	65+	<65 High Risk	All <65	65+	<65 High Risk	All <65	65+	<65 High Risk	All <65
Patient RHA: 15 - Brandon									
Non-First Nations									
Count	3,906	214	2,294	434	24	181	2,468	25	702
Population	6,939	4,282	38,937	6,939	4,282	38,937	6,939	4,282	38,937
Rate per 100	56.3	5.0	5.9	6.3	0.6	0.5	35.6	0.6	1.8
First Nations									
Count	6	10	36	1	2	4	4	2	12
Population	21	195	1,780	21	195	1,780	21	195	1,780
Rate per 100	28.6	5.1	2.0	4.8	1.0	0.2	19.0	1.0	0.7
Total									
Count	3,912	224	2,330	435	26	185	2,472	27	714
Population	6,960	4,477	40,717	6,960	4,477	40,717	6,960	4,477	40,717
Rate per 100	56.2	5.0	5.7	6.3	0.6	0.5	35.5	0.6	1.8
Patient RHA: 20 - North Eastman									
Non-First Nations									
Count	2,433	479	1,825	303	80	149	1,733	80	603
Population	4,861	3,131	28,500	4,861	3,131	28,500	4,861	3,131	28,500
Rate per 100	50.1	15.3	6.4	6.2	2.6	0.5	35.7	2.6	2.1
First Nations									
Count	44	78	157	14	16	39	18	16	53
Population	271	630	5,757	271	630	5,757	271	630	5,757
Rate per 100	16.2	12.4	2.7	5.2	2.5	0.7	6.6	2.5	0.9
Total									
Count	2,477	557	1,982	317	96	188	1,751	96	656
Population	5,132	3,761	34,257	5,132	3,761	34,257	5,132	3,761	34,257
Rate per 100	48.3	14.8	5.8	6.2	2.6	0.5	34.1	2.6	1.9
Patient RHA: 25 - South Eastman									
Non-First Nations									
Count	3,073	715	2,679	208	40	127	2,393	41	714
Population	6,135	5,428	49,369	6,135	5,428	49,369	6,135	5,428	49,369
Rate per 100	50.1	13.2	5.4	3.4	0.7	0.3	39.0	0.8	1.4
First Nations									
Count	3	2	6	0	0	0	2	0	0
Population	6	26	256	6	26	256	6	26	256
Rate per 100	50.0	7.7	2.3	0.0	0.0	0.0	33.3	0.0	0.0
Total									
Count	3,076	717	2,685	208	40	127	2,395	41	714
Population	6,141	5,454	49,625	6,141	5,454	49,625	6,141	5,454	49,625
Rate per 100	50.1	13.1	5.4	3.4	0.7	0.3	39.0	0.8	1.4
Patient RHA: 30 - Interlake									
Non-First Nations									
Count	5,758	1,076	3,747	597	110	277	4,272	112	1,325
Population	10,638	6,367	57,905	10,638	6,367	57,905	10,638	6,367	57,905
Rate per 100	54.1	16.9	6.5	5.6	1.7	0.5	40.2	1.8	2.3
First Nations									
Count	104	133	272	6	12	12	69	12	80
Population	337	682	6,215	337	682	6,215	337	682	6,215
Rate per 100	30.9	19.5	4.4	1.8	1.8	0.2	20.5	1.8	1.3
Total									
Count	5,862	1,209	4,019	603	122	289	4,341	124	1,405
Population	10,975	7,049	64,120	10,975	7,049	64,120	10,975	7,049	64,120
Rate per 100	53.4	17.2	6.3	5.5	1.7	0.5	39.6	1.8	2.2

Influenza/Pneumococcal Immunization Coverage Report by First Nations Status

January 1 - December 31, 2002

	Influenza			Pneumococcal (2002)			Pneumococcal (Cumulative)		
	65+	<65 High Risk	All <65	65+	<65 High Risk	All <65	65+	<65 High Risk	All <65
Patient RHA: 40 - Central									
Non-First Nations									
Count	7,049	582	4,097	614	31	169	3,632	32	690
Population	13,479	8,808	80,089	13,479	8,808	80,089	13,479	8,808	80,089
Rate per 100	52.3	6.6	5.1	4.6	0.4	0.2	26.9	0.4	0.9
First Nations									
Count	31	24	105	3	3	9	26	3	44
Population	165	553	5,045	165	553	5,045	165	553	5,045
Rate per 100	18.8	4.3	2.1	1.8	0.5	0.2	15.8	0.5	0.9
Total									
Count	7,080	606	4,202	617	34	178	3,658	35	734
Population	13,644	9,361	85,134	13,644	9,361	85,134	13,644	9,361	85,134
Rate per 100	51.9	6.5	4.9	4.5	0.4	0.2	26.8	0.4	0.9
Patient RHA: 45 - Assiniboine									
Non-First Nations									
Count	7,543	1,333	3,950	1,085	255	344	5,801	258	1,475
Population	13,802	5,838	53,097	13,802	5,838	53,097	13,802	5,838	53,097
Rate per 100	54.7	22.8	7.4	7.9	4.4	0.6	42.0	4.4	2.8
First Nations									
Count	35	48	89	5	4	10	29	4	42
Population	157	341	3,127	157	341	3,127	157	341	3,127
Rate per 100	22.3	14.1	2.8	3.2	1.2	0.3	18.5	1.2	1.3
Total									
Count	7,578	1,381	4,039	1,090	259	354	5,830	262	1,517
Population	13,959	6,179	56,224	13,959	6,179	56,224	13,959	6,179	56,224
Rate per 100	54.3	22.3	7.2	7.8	4.2	0.6	41.8	4.2	2.7
Patient RHA: 60 - Parkland									
Non-First Nations									
Count	4,000	775	1,965	447	113	169	3,386	116	789
Population	8,056	3,348	30,456	8,056	3,348	30,456	8,056	3,348	30,456
Rate per 100	49.7	23.1	6.5	5.5	3.4	0.6	42.0	3.5	2.6
First Nations									
Count	51	92	224	5	18	36	32	18	72
Population	114	389	3,556	114	389	3,556	114	389	3,556
Rate per 100	44.7	23.7	6.3	4.4	4.6	1.0	28.1	4.6	2.0
Total									
Count	4,051	867	2,189	452	131	205	3,418	134	861
Population	8,170	3,737	34,012	8,170	3,737	34,012	8,170	3,737	34,012
Rate per 100	49.6	23.2	6.4	5.5	3.5	0.6	41.8	3.6	2.5
Patient RHA: 70 - Norman									
Non-First Nations									
Count	987	662	1,407	100	73	77	924	77	470
Population	1,861	1,941	17,650	1,861	1,941	17,650	1,861	1,941	17,650
Rate per 100	53.0	34.1	8.0	5.4	3.8	0.4	49.7	4.0	2.7
First Nations									
Count	64	102	172	6	5	10	42	5	81
Population	171	585	5,328	171	585	5,328	171	585	5,328
Rate per 100	37.4	17.4	3.2	3.5	0.9	0.2	24.6	0.9	1.5
Total									
Count	1,051	764	1,579	106	78	87	966	82	551
Population	2,032	2,526	22,978	2,032	2,526	22,978	2,032	2,526	22,978
Rate per 100	51.7	30.2	6.9	5.2	3.1	0.4	47.5	3.2	2.4

Influenza/Pneumococcal Immunization Coverage Report by First Nations Status

January 1 - December 31, 2002

	Influenza			Pneumococcal (2002)			Pneumococcal (Cumulative)		
	65+	<65 High Risk	All <65	65+	<65 High Risk	All <65	65+	<65 High Risk	All <65
Patient RHA: 80 - Burntwood									
Non-First Nations									
Count	241	573	1,169	23	33	36	174	33	334
Population	645	1,995	18,190	645	1,995	18,190	645	1,995	18,190
Rate per 100	37.4	28.7	6.4	3.6	1.7	0.2	27.0	1.7	1.8
First Nations									
Count	301	416	1,026	19	25	30	108	25	164
Population	981	2,740	24,954	981	2,740	24,954	981	2,740	24,954
Rate per 100	30.7	15.2	4.1	1.9	0.9	0.1	11.0	0.9	0.7
Total									
Count	542	989	2,195	42	58	66	282	58	498
Population	1,626	4,735	43,144	1,626	4,735	43,144	1,626	4,735	43,144
Rate per 100	33.3	20.9	5.1	2.6	1.2	0.2	17.3	1.2	1.2
Patient RHA: 90 - Churchill									
Non-First Nations									
Count	16	24	65	1	0	0	23	0	28
Population	48	87	798	48	87	798	48	87	798
Rate per 100	33.3	27.6	8.1	2.1	0.0	0.0	47.9	0.0	3.5
First Nations									
Count	6	7	16	0	1	1	7	1	9
Population	9	19	173	9	19	173	9	19	173
Rate per 100	66.7	36.8	9.2	0.0	5.3	0.6	77.8	5.3	5.2
Total									
Count	22	31	81	1	1	1	30	1	37
Population	57	106	971	57	106	971	57	106	971
Rate per 100	38.6	29.2	8.3	1.8	0.9	0.1	52.6	0.9	3.8

7. Influenza Vaccine Doses Administered, by Provider Type

- Manitoba
- By RHA

Notes:

These data reflect doses administered by each provider type, based on the provider's RHA. They cannot be used to calculate immunization coverage rates, as the providers do not have a particular population denominator to which they are assigned.

The dates for immunization service are from January 1, 2002 – December 31, 2002, as entered into MIMS by April 2003.

"First Nations/Tribal" provider indicates the provider type was entered into MIMS as First Nations; it does not reflect that the client has been identified as First Nations.

"Other providers" include facilities, primary care providers, private health care providers, pharmacies and other unknown providers.

Influenza Vaccine Doses Administered Report by Provider Type

January 1 - December 31, 2002

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
MANITOBA								
Public Health Nurse								
Non-First Nations	Doses	5,818	30,900	4,473	150	788	0	42,129
	%	4.0	21.2	3.1	0.1	0.5	0.0	29.0
First Nations	Doses	268	1,431	205	17	582	18	2,521
	%	0.2	1.0	0.1	0.0	0.4	0.0	1.7
TOTAL	Doses	6,086	32,331	4,678	167	1,370	18	44,650
	%	4.2	22.2	3.2	0.1	0.9	0.0	30.7
Physician								
Non-First Nations	Doses	2	118	6	80,829	2	0	80,957
	%	0.0	0.1	0.0	55.6	0.0	0.0	55.7
First Nations	Doses	0	19	0	640	0	0	659
	%	0.0	0.0	0.0	0.4	0.0	0.0	0.5
TOTAL	Doses	2	137	6	81,469	2	0	81,616
	%	0.0	0.1	0.0	56.0	0.0	0.0	56.1
First Nation/Tribal Council								
Non-First Nations	Doses	0	13	0	0	0	0	13
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
First Nations	Doses	0	77	0	0	0	0	77
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.1
TOTAL	Doses	0	90	0	0	0	0	90
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.1
Other								
Non-First Nations	Doses	8,361	8,950	1,412	62	2	0	18,787
	%	5.7	6.2	1.0	0.0	0.0	0.0	12.9
First Nations	Doses	53	226	18	6	0	0	303
	%	0.0	0.2	0.0	0.0	0.0	0.0	0.2
TOTAL	Doses	8,414	9,176	1,430	68	2	0	19,090
	%	5.8	6.3	1.0	0.0	0.0	0.0	13.1
MANITOBA - Total	Doses	14,502	41,734	6,114	81,704	1,374	18	145,446
	%	10.0	28.7	4.2	56.2	0.9	0.0	

Influenza Vaccine Doses Administered Report by Provider Type

January 1 - December 31, 2002

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
10 - Winnipeg								
Public Health Nurse								
Non-First Nations	Doses	1,697	7,789	1,356	44	30	0	10,916
	%	2.0	9.0	1.6	0.1	0.0	0.0	12.6
First Nations	Doses	23	92	30	0	0	0	145
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.2
TOTAL	Doses	1,720	7,881	1,386	44	30	0	11,061
	%	2.0	9.1	1.6	0.1	0.0	0.0	12.8
Physician								
Non-First Nations	Doses	0	60	2	61,863	0	0	61,925
	%	0.0	0.1	0.0	71.5	0.0	0.0	71.5
First Nations	Doses	0	19	0	446	0	0	465
	%	0.0	0.0	0.0	0.5	0.0	0.0	0.5
TOTAL	Doses	0	79	2	62,309	0	0	62,390
	%	0.0	0.1	0.0	72.0	0.0	0.0	72.1
Other								
Non-First Nations	Doses	6,565	5,223	1,181	17	2	0	12,988
	%	7.6	6.0	1.4	0.0	0.0	0.0	15.0
First Nations	Doses	28	92	5	5	0	0	130
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.2
TOTAL	Doses	6,593	5,315	1,186	22	2	0	13,118
	%	7.6	6.1	1.4	0.0	0.0	0.0	15.2
10 - Winnipeg - Total	Doses	8,313	13,275	2,574	62,375	32	0	86,569
	%	9.6	15.3	3.0	72.1	0.0	0.0	
15 - Brandon								
Public Health Nurse								
Non-First Nations	Doses	791	547	128	5	15	0	1,486
	%	11.9	8.2	1.9	0.1	0.2	0.0	22.3
First Nations	Doses	3	9	4	0	1	0	17
	%	0.0	0.1	0.1	0.0	0.0	0.0	0.3
TOTAL	Doses	794	556	132	5	16	0	1,503
	%	11.9	8.3	2.0	0.1	0.2	0.0	22.6
Physician								
Non-First Nations	Doses	0	3	0	4,879	0	0	4,882
	%	0.0	0.0	0.0	73.2	0.0	0.0	73.2
First Nations	Doses	0	0	0	28	0	0	28
	%	0.0	0.0	0.0	0.4	0.0	0.0	0.4
TOTAL	Doses	0	3	0	4,907	0	0	4,910
	%	0.0	0.0	0.0	73.6	0.0	0.0	73.7
Other								
Non-First Nations	Doses	2	234	0	1	0	0	237
	%	0.0	3.5	0.0	0.0	0.0	0.0	3.6
First Nations	Doses	0	15	0	0	0	0	15
	%	0.0	0.2	0.0	0.0	0.0	0.0	0.2
TOTAL	Doses	2	249	0	1	0	0	252
	%	0.0	3.7	0.0	0.0	0.0	0.0	3.8
15 - Brandon - Total	Doses	796	808	132	4,913	16	0	6,665
	%	11.9	12.1	2.0	73.7	0.2	0.0	

Influenza Vaccine Doses Administered Report by Provider Type

January 1 - December 31, 2002

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
20 - North Eastman								
Public Health Nurse								
Non-First Nations	Doses	232	1,988	490	5	1	0	2,716
	%	6.2	53.1	13.1	0.1	0.0	0.0	72.5
First Nations	Doses	15	99	39	0	9	4	166
	%	0.4	2.6	1.0	0.0	0.2	0.1	4.4
TOTAL	Doses	247	2,087	529	5	10	4	2,882
	%	6.6	55.7	14.1	0.1	0.3	0.1	76.9
Physician								
Non-First Nations	Doses	0	0	0	712	0	0	712
	%	0.0	0.0	0.0	19.0	0.0	0.0	19.0
First Nations	Doses	0	0	0	6	0	0	6
	%	0.0	0.0	0.0	0.2	0.0	0.0	0.2
TOTAL	Doses	0	0	0	718	0	0	718
	%	0.0	0.0	0.0	19.2	0.0	0.0	19.2
Other								
Non-First Nations	Doses	29	114	0	0	0	0	143
	%	0.8	3.0	0.0	0.0	0.0	0.0	3.8
First Nations	Doses	0	4	0	0	0	0	4
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.1
TOTAL	Doses	29	118	0	0	0	0	147
	%	0.8	3.1	0.0	0.0	0.0	0.0	3.9
20 - North Eastman - Total	Doses	276	2,205	529	723	10	4	3,747
	%	7.4	58.8	14.1	19.3	0.3	0.1	
25 - South Eastman								
Public Health Nurse								
Non-First Nations	Doses	745	2,539	375	24	0	0	3,683
	%	13.9	47.3	7.0	0.4	0.0	0.0	68.6
First Nations	Doses	1	2	0	0	0	0	3
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.1
TOTAL	Doses	746	2,541	375	24	0	0	3,686
	%	13.9	47.3	7.0	0.4	0.0	0.0	68.7
Physician								
Non-First Nations	Doses	0	0	0	1,430	0	0	1,430
	%	0.0	0.0	0.0	26.6	0.0	0.0	26.6
First Nations	Doses	0	0	0	1	0	0	1
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	Doses	0	0	0	1,431	0	0	1,431
	%	0.0	0.0	0.0	26.7	0.0	0.0	26.7
Other								
Non-First Nations	Doses	2	246	0	0	0	0	248
	%	0.0	4.6	0.0	0.0	0.0	0.0	4.6
First Nations	Doses	0	4	0	0	0	0	4
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.1
TOTAL	Doses	2	250	0	0	0	0	252
	%	0.0	4.7	0.0	0.0	0.0	0.0	4.7
25 - South Eastman - Total	Doses	748	2,791	375	1,455	0	0	5,369
	%	13.9	52.0	7.0	27.1	0.0	0.0	

Influenza Vaccine Doses Administered Report by Provider Type

January 1 - December 31, 2002

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
30 - Interlake								
Public Health Nurse								
Non-First Nations	Doses	376	3,626	242	2	17	0	4,263
	%	4.6	44.0	2.9	0.0	0.2	0.0	51.7
First Nations	Doses	20	141	23	2	64	9	259
	%	0.2	1.7	0.3	0.0	0.8	0.1	3.1
TOTAL	Doses	396	3,767	265	4	81	9	4,522
	%	4.8	45.7	3.2	0.0	1.0	0.1	54.8
Physician								
Non-First Nations	Doses	0	0	0	2,992	0	0	2,992
	%	0.0	0.0	0.0	36.3	0.0	0.0	36.3
First Nations	Doses	0	0	0	39	0	0	39
	%	0.0	0.0	0.0	0.5	0.0	0.0	0.5
TOTAL	Doses	0	0	0	3,031	0	0	3,031
	%	0.0	0.0	0.0	36.8	0.0	0.0	36.8
First Nation/Tribal Council								
First Nations	Doses	0	1	0	0	0	0	1
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	Doses	0	1	0	0	0	0	1
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other								
Non-First Nations	Doses	245	429	5	1	0	0	680
	%	3.0	5.2	0.1	0.0	0.0	0.0	8.2
First Nations	Doses	2	9	0	0	0	0	11
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.1
TOTAL	Doses	247	438	5	1	0	0	691
	%	3.0	5.3	0.1	0.0	0.0	0.0	8.4
30 - Interlake - Total	Doses	643	4,206	270	3,036	81	9	8,245
	%	7.8	51.0	3.3	36.8	1.0	0.1	
40 - Central								
Public Health Nurse								
Non-First Nations	Doses	252	2,536	261	5	343	0	3,397
	%	2.4	24.1	2.5	0.0	3.3	0.0	32.3
First Nations	Doses	0	11	0	1	24	0	36
	%	0.0	0.1	0.0	0.0	0.2	0.0	0.3
TOTAL	Doses	252	2,547	261	6	367	0	3,433
	%	2.4	24.2	2.5	0.1	3.5	0.0	32.6
Physician								
Non-First Nations	Doses	0	2	0	5,299	0	0	5,301
	%	0.0	0.0	0.0	50.3	0.0	0.0	50.3
First Nations	Doses	0	0	0	68	0	0	68
	%	0.0	0.0	0.0	0.6	0.0	0.0	0.6
TOTAL	Doses	0	2	0	5,367	0	0	5,369
	%	0.0	0.0	0.0	51.0	0.0	0.0	51.0
Other								
Non-First Nations	Doses	506	1,148	10	15	0	0	1,679
	%	4.8	10.9	0.1	0.1	0.0	0.0	15.9
First Nations	Doses	1	49	0	0	0	0	50
	%	0.0	0.5	0.0	0.0	0.0	0.0	0.5
TOTAL	Doses	507	1,197	10	15	0	0	1,729
	%	4.8	11.4	0.1	0.1	0.0	0.0	16.4
40 - Central - Total	Doses	759	3,746	271	5,388	367	0	10,531
	%	7.2	35.6	2.6	51.2	3.5	0.0	

Influenza Vaccine Doses Administered Report by Provider Type

January 1 - December 31, 2002

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
45 - Assiniboine								
Public Health Nurse								
Non-First Nations	Doses	1,030	6,421	1,232	31	0	0	8,714
	%	9.2	57.1	11.0	0.3	0.0	0.0	77.6
First Nations	Doses	2	28	3	2	0	0	35
	%	0.0	0.2	0.0	0.0	0.0	0.0	0.3
TOTAL	Doses	1,032	6,449	1,235	33	0	0	8,749
	%	9.2	57.4	11.0	0.3	0.0	0.0	77.9
Physician								
Non-First Nations	Doses	2	16	4	1,744	2	0	1,768
	%	0.0	0.1	0.0	15.5	0.0	0.0	15.7
First Nations	Doses	0	0	0	12	0	0	12
	%	0.0	0.0	0.0	0.1	0.0	0.0	0.1
TOTAL	Doses	2	16	4	1,756	2	0	1,780
	%	0.0	0.1	0.0	15.6	0.0	0.0	15.8
Other								
Non-First Nations	Doses	8	681	12	0	0	0	701
	%	0.1	6.1	0.1	0.0	0.0	0.0	6.2
First Nations	Doses	0	6	0	0	0	0	6
	%	0.0	0.1	0.0	0.0	0.0	0.0	0.1
TOTAL	Doses	8	687	12	0	0	0	707
	%	0.1	6.1	0.1	0.0	0.0	0.0	6.3
45 - Assiniboine - Total	Doses	1,042	7,152	1,251	1,789	2	0	11,236
	%	9.3	63.7	11.1	15.9	0.0	0.0	
60 - Parkland								
Public Health Nurse								
Non-First Nations	Doses	299	3,094	107	18	20	0	3,538
	%	4.6	47.9	1.7	0.3	0.3	0.0	54.8
First Nations	Doses	58	162	15	4	54	0	293
	%	0.9	2.5	0.2	0.1	0.8	0.0	4.5
TOTAL	Doses	357	3,256	122	22	74	0	3,831
	%	5.5	50.4	1.9	0.3	1.1	0.0	59.3
Physician								
Non-First Nations	Doses	0	37	0	1,812	0	0	1,849
	%	0.0	0.6	0.0	28.1	0.0	0.0	28.6
First Nations	Doses	0	0	0	34	0	0	34
	%	0.0	0.0	0.0	0.5	0.0	0.0	0.5
TOTAL	Doses	0	37	0	1,846	0	0	1,883
	%	0.0	0.6	0.0	28.6	0.0	0.0	29.2
Other								
Non-First Nations	Doses	251	475	2	0	0	0	728
	%	3.9	7.4	0.0	0.0	0.0	0.0	11.3
First Nations	Doses	6	10	0	0	0	0	16
	%	0.1	0.2	0.0	0.0	0.0	0.0	0.2
TOTAL	Doses	257	485	2	0	0	0	744
	%	4.0	7.5	0.0	0.0	0.0	0.0	11.5
60 - Parkland - Total	Doses	614	3,778	124	1,868	74	0	6,458
	%	9.5	58.5	1.9	28.9	1.1	0.0	

Influenza Vaccine Doses Administered Report by Provider Type

January 1 - December 31, 2002

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
70 - Norman								
Public Health Nurse								
Non-First Nations	Doses	143	1,532	209	13	121	0	2,018
	%	5.3	56.7	7.7	0.5	4.5	0.0	74.6
First Nations	Doses	11	159	42	3	12	2	229
	%	0.4	5.9	1.6	0.1	0.4	0.1	8.5
TOTAL	Doses	154	1,691	251	16	133	2	2,247
	%	5.7	62.5	9.3	0.6	4.9	0.1	83.1
Physician								
Non-First Nations	Doses	0	0	0	31	0	0	31
	%	0.0	0.0	0.0	1.1	0.0	0.0	1.1
First Nations	Doses	0	0	0	1	0	0	1
	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	Doses	0	0	0	32	0	0	32
	%	0.0	0.0	0.0	1.2	0.0	0.0	1.2
Other								
Non-First Nations	Doses	257	117	3	25	0	0	402
	%	9.5	4.3	0.1	0.9	0.0	0.0	14.9
First Nations	Doses	10	12	0	1	0	0	23
	%	0.4	0.4	0.0	0.0	0.0	0.0	0.9
TOTAL	Doses	267	129	3	26	0	0	425
	%	9.9	4.8	0.1	1.0	0.0	0.0	15.7
70 - Norman - Total	Doses	421	1,820	254	74	133	2	2,704
	%	15.6	67.3	9.4	2.7	4.9	0.1	
80 - Burntwood								
Public Health Nurse								
Non-First Nations	Doses	226	788	66	3	232	0	1,315
	%	8.2	28.7	2.4	0.1	8.4	0.0	47.9
First Nations	Doses	134	714	42	5	418	3	1,316
	%	4.9	26.0	1.5	0.2	15.2	0.1	47.9
TOTAL	Doses	360	1,502	108	8	650	3	2,631
	%	13.1	54.7	3.9	0.3	23.7	0.1	95.8
Physician								
Non-First Nations	Doses	0	0	0	66	0	0	66
	%	0.0	0.0	0.0	2.4	0.0	0.0	2.4
First Nations	Doses	0	0	0	5	0	0	5
	%	0.0	0.0	0.0	0.2	0.0	0.0	0.2
TOTAL	Doses	0	0	0	71	0	0	71
	%	0.0	0.0	0.0	2.6	0.0	0.0	2.6
Other								
Non-First Nations	Doses	31	5	4	0	0	0	40
	%	1.1	0.2	0.1	0.0	0.0	0.0	1.5
First Nations	Doses	4	0	0	0	0	0	4
	%	0.1	0.0	0.0	0.0	0.0	0.0	0.1
TOTAL	Doses	35	5	4	0	0	0	44
	%	1.3	0.2	0.1	0.0	0.0	0.0	1.6
80 - Burntwood - Total	Doses	395	1,507	112	79	650	3	2,746
	%	14.4	54.9	4.1	2.9	23.7	0.1	

Influenza Vaccine Doses Administered Report by Provider Type

January 1 - December 31, 2002

		Health Care Worker	High Risk	Household Contact	No Reason	No Risk	Outbreak Immunization	Total Doses
90 - Churchill								
Public Health Nurse								
Non-First Nations	Doses	27	40	7	0	9	0	83
	%	25.5	37.7	6.6	0.0	8.5	0.0	78.3
First Nations	Doses	1	14	7	0	0	0	22
	%	0.9	13.2	6.6	0.0	0.0	0.0	20.8
TOTAL	Doses	28	54	14	0	9	0	105
	%	26.4	50.9	13.2	0.0	8.5	0.0	99.1
Other								
Non-First Nations	Doses	1	0	0	0	0	0	1
	%	0.9	0.0	0.0	0.0	0.0	0.0	0.9
TOTAL	Doses	1	0	0	0	0	0	1
	%	0.9	0.0	0.0	0.0	0.0	0.0	0.9
90 - Churchill - Total	Doses	29	54	14	0	9	0	106
	%	27.4	50.9	13.2	0.0	8.5	0.0	
95 - Unknown								
Physician								
Non-First Nations	Doses	0	0	0	1	0	0	1
	%	0.0	0.0	0.0	0.1	0.0	0.0	0.1
TOTAL	Doses	0	0	0	1	0	0	1
	%	0.0	0.0	0.0	0.1	0.0	0.0	0.1
First Nation/Tribal Council								
Non-First Nations	Doses	0	13	0	0	0	0	13
	%	0.0	1.2	0.0	0.0	0.0	0.0	1.2
First Nations	Doses	0	76	0	0	0	0	76
	%	0.0	7.1	0.0	0.0	0.0	0.0	7.1
TOTAL	Doses	0	89	0	0	0	0	89
	%	0.0	8.3	0.0	0.0	0.0	0.0	8.3
Other								
Non-First Nations	Doses	464	277	195	0	0	0	936
	%	43.5	26.0	18.3	0.0	0.0	0.0	87.8
First Nations	Doses	2	25	13	0	0	0	40
	%	0.2	2.3	1.2	0.0	0.0	0.0	3.8
TOTAL	Doses	466	302	208	0	0	0	976
	%	43.7	28.3	19.5	0.0	0.0	0.0	91.6
95 - Unknown - Total	Doses	466	391	208	1	0	0	1,066
	%	43.7	36.7	19.5	0.1	0.0	0.0	
99 - Non Manitoba								
Other								
Non-First Nations	Doses	0	1	0	3	0	0	4
	%	0.0	25.0	0.0	75.0	0.0	0.0	100.0
TOTAL	Doses	0	1	0	3	0	0	4
	%	0.0	25.0	0.0	75.0	0.0	0.0	100.0
99 - Non Manitoba - Total	Doses	0	1	0	3	0	0	4
	%	0.0	25.0	0.0	75.0	0.0	0.0	

8. Pneumococcal Vaccine Doses Administered, by Provider Type

- Manitoba
- By RHA

Notes:

These data reflect doses administered by each provider type, based on the provider's RHA. They cannot be used to calculate immunization coverage rates, as the providers do not have a particular population denominator to which they are assigned.

The dates for immunization service are from January 1, 2002 – December 31, 2002, as entered into MIMS by April 2003.

"First Nations/Tribal" provider indicates the provider type was entered into MIMS as First Nations; it does not reflect that the client has been identified as First Nations.

"Other providers" include facilities, primary care providers, private health care providers, pharmacies and other unknown providers.

Pneumococcal Vaccine Doses Administered by Provider Type

January 1 - December 31, 2002

		High Risk	No Reason	No Risk	Outbreak Immunization	Total Doses
MANITOBA						
Public Health Nurse						
Non-First Nations	Doses	4,701	136	11	1	4,849
	%	32.6	0.9	0.1	0.0	33.6
First Nations	Doses	158	40	23	0	221
	%	1.1	0.3	0.2	0.0	1.5
TOTAL	Doses	4,859	176	34	1	5,070
	%	33.7	1.2	0.2	0.0	35.1
Physician						
Non-First Nations	Doses	16	8,013	0	0	8,029
	%	0.1	55.5	0.0	0.0	55.6
First Nations	Doses	1	52	0	0	53
	%	0.0	0.4	0.0	0.0	0.4
TOTAL	Doses	17	8,065	0	0	8,082
	%	0.1	55.9	0.0	0.0	56.0
First Nation/Tribal Council						
First Nations	Doses	6	0	0	0	6
	%	0.0	0.0	0.0	0.0	0.0
TOTAL	Doses	6	0	0	0	6
	%	0.0	0.0	0.0	0.0	0.0
Other						
Non-First Nations	Doses	1,184	65	1	0	1,250
	%	8.2	0.5	0.0	0.0	8.7
First Nations	Doses	27	4	0	0	31
	%	0.2	0.0	0.0	0.0	0.2
TOTAL	Doses	1,211	69	1	0	1,281
	%	8.4	0.5	0.0	0.0	8.9
MANITOBA - Total	Doses	6,093	8,310	35	1	14,439
	%	42.2	57.6	0.2	0.0	

Pneumococcal Vaccine Doses Administered by Provider Type

January 1 - December 31, 2002

		High Risk	No Reason	No Risk	Outbreak Immunization	Total Doses
10 - Winnipeg						
Public Health Nurse						
Non-First Nations	Doses	2,026	21	0	0	2,047
	%	22.5	0.2	0.0	0.0	22.7
First Nations	Doses	43	0	0	0	43
	%	0.5	0.0	0.0	0.0	0.5
TOTAL	Doses	2,069	21	0	0	2,090
	%	23.0	0.2	0.0	0.0	23.2
Physician						
Non-First Nations	Doses	15	6,038	0	0	6,053
	%	0.2	67.0	0.0	0.0	67.2
First Nations	Doses	1	31	0	0	32
	%	0.0	0.3	0.0	0.0	0.4
TOTAL	Doses	16	6,069	0	0	6,085
	%	0.2	67.3	0.0	0.0	67.5
Other						
Non-First Nations	Doses	809	16	0	0	825
	%	9.0	0.2	0.0	0.0	9.2
First Nations	Doses	11	3	0	0	14
	%	0.1	0.0	0.0	0.0	0.2
TOTAL	Doses	820	19	0	0	839
	%	9.1	0.2	0.0	0.0	9.3
10 - Winnipeg - Total	Doses	2,905	6,109	0	0	9,014
	%	32.2	67.8	0.0	0.0	
15 - Brandon						
Public Health Nurse						
Non-First Nations	Doses	59	1	0	0	60
	%	8.0	0.1	0.0	0.0	8.1
TOTAL	Doses	59	1	0	0	60
	%	8.0	0.1	0.0	0.0	8.1
Physician						
Non-First Nations	Doses	0	628	0	0	628
	%	0.0	84.6	0.0	0.0	84.6
First Nations	Doses	0	8	0	0	8
	%	0.0	1.1	0.0	0.0	1.1
TOTAL	Doses	0	636	0	0	636
	%	0.0	85.7	0.0	0.0	85.7
Other						
Non-First Nations	Doses	40	0	0	0	40
	%	5.4	0.0	0.0	0.0	5.4
First Nations	Doses	6	0	0	0	6
	%	0.8	0.0	0.0	0.0	0.8
TOTAL	Doses	46	0	0	0	46
	%	6.2	0.0	0.0	0.0	6.2
15 - Brandon - Total	Doses	105	637	0	0	742
	%	14.2	85.8	0.0	0.0	

Pneumococcal Vaccine Doses Administered by Provider Type

January 1 - December 31, 2002

		High Risk	No Reason	No Risk	Outbreak Immunization	Total Doses
20 - North Eastman						
Public Health Nurse						
Non-First Nations	Doses	278	2	0	1	281
	%	66.3	0.5	0.0	0.2	67.1
First Nations	Doses	21	31	3	0	55
	%	5.0	7.4	0.7	0.0	13.1
TOTAL	Doses	299	33	3	1	336
	%	71.4	7.9	0.7	0.2	80.2
Physician						
Non-First Nations	Doses	0	71	0	0	71
	%	0.0	16.9	0.0	0.0	16.9
TOTAL	Doses	0	71	0	0	71
	%	0.0	16.9	0.0	0.0	16.9
Other						
Non-First Nations	Doses	8	4	0	0	12
	%	1.9	1.0	0.0	0.0	2.9
TOTAL	Doses	8	4	0	0	12
	%	1.9	1.0	0.0	0.0	2.9
20 - North Eastman - Total	Doses	307	108	3	1	419
	%	73.3	25.8	0.7	0.2	
25 - South Eastman						
Public Health Nurse						
Non-First Nations	Doses	100	46	0	0	146
	%	33.6	15.4	0.0	0.0	49.0
TOTAL	Doses	100	46	0	0	146
	%	33.6	15.4	0.0	0.0	49.0
Physician						
Non-First Nations	Doses	0	132	0	0	132
	%	0.0	44.3	0.0	0.0	44.3
TOTAL	Doses	0	132	0	0	132
	%	0.0	44.3	0.0	0.0	44.3
Other						
Non-First Nations	Doses	11	9	0	0	20
	%	3.7	3.0	0.0	0.0	6.7
TOTAL	Doses	11	9	0	0	20
	%	3.7	3.0	0.0	0.0	6.7
25 - South Eastman - Total	Doses	111	187	0	0	298
	%	37.2	62.8	0.0	0.0	

Pneumococcal Vaccine Doses Administered by Provider Type

January 1 - December 31, 2002

		High Risk	No Reason	No Risk	Outbreak Immunization	Total Doses
30 - Interlake						
Public Health Nurse						
Non-First Nations	Doses	367	2	1	0	370
	%	49.7	0.3	0.1	0.0	50.1
First Nations	Doses	12	0	0	0	12
	%	1.6	0.0	0.0	0.0	1.6
TOTAL	Doses	379	2	1	0	382
	%	51.4	0.3	0.1	0.0	51.8
Physician						
Non-First Nations	Doses	0	294	0	0	294
	%	0.0	39.8	0.0	0.0	39.8
First Nations	Doses	0	3	0	0	3
	%	0.0	0.4	0.0	0.0	0.4
TOTAL	Doses	0	297	0	0	297
	%	0.0	40.2	0.0	0.0	40.2
First Nation/Tribal Council						
First Nations	Doses	1	0	0	0	1
	%	0.1	0.0	0.0	0.0	0.1
TOTAL	Doses	1	0	0	0	1
	%	0.1	0.0	0.0	0.0	0.1
Other						
Non-First Nations	Doses	36	21	0	0	57
	%	4.9	2.8	0.0	0.0	7.7
First Nations	Doses	1	0	0	0	1
	%	0.1	0.0	0.0	0.0	0.1
TOTAL	Doses	37	21	0	0	58
	%	5.0	2.8	0.0	0.0	7.9
30 - Interlake - Total	Doses	417	320	1	0	738
	%	56.5	43.4	0.1	0.0	
40 - Central						
Public Health Nurse						
Non-First Nations	Doses	59	6	5	0	70
	%	8.2	0.8	0.7	0.0	9.8
First Nations	Doses	0	3	2	0	5
	%	0.0	0.4	0.3	0.0	0.7
TOTAL	Doses	59	9	7	0	75
	%	8.2	1.3	1.0	0.0	10.5
Physician						
Non-First Nations	Doses	0	543	0	0	543
	%	0.0	75.8	0.0	0.0	75.8
First Nations	Doses	0	5	0	0	5
	%	0.0	0.7	0.0	0.0	0.7
TOTAL	Doses	0	548	0	0	548
	%	0.0	76.5	0.0	0.0	76.5
Other						
Non-First Nations	Doses	80	13	0	0	93
	%	11.2	1.8	0.0	0.0	13.0
TOTAL	Doses	80	13	0	0	93
	%	11.2	1.8	0.0	0.0	13.0
40 - Central - Total	Doses	139	570	7	0	716
	%	19.4	79.6	1.0	0.0	

Pneumococcal Vaccine Doses Administered by Provider Type

January 1 - December 31, 2002

		High Risk	No Reason	No Risk	Outbreak Immunization	Total Doses
45 - Assiniboine						
Public Health Nurse						
Non-First Nations	Doses	1,182	36	1	0	1,219
	%	83.5	2.5	0.1	0.0	86.1
First Nations	Doses	4	0	0	0	4
	%	0.3	0.0	0.0	0.0	0.3
TOTAL	Doses	1,186	36	1	0	1,223
	%	83.8	2.5	0.1	0.0	86.4
Physician						
Non-First Nations	Doses	0	151	0	0	151
	%	0.0	10.7	0.0	0.0	10.7
First Nations	Doses	0	2	0	0	2
	%	0.0	0.1	0.0	0.0	0.1
TOTAL	Doses	0	153	0	0	153
	%	0.0	10.8	0.0	0.0	10.8
Other						
Non-First Nations	Doses	39	0	0	0	39
	%	2.8	0.0	0.0	0.0	2.8
TOTAL	Doses	39	0	0	0	39
	%	2.8	0.0	0.0	0.0	2.8
45 - Assiniboine - Total	Doses	1,225	189	1	0	1,415
	%	86.6	13.4	0.1	0.0	
60 - Parkland						
Public Health Nurse						
Non-First Nations	Doses	435	14	4	0	453
	%	61.1	2.0	0.6	0.0	63.6
First Nations	Doses	25	1	16	0	42
	%	3.5	0.1	2.2	0.0	5.9
TOTAL	Doses	460	15	20	0	495
	%	64.6	2.1	2.8	0.0	69.5
Physician						
Non-First Nations	Doses	1	150	0	0	151
	%	0.1	21.1	0.0	0.0	21.2
First Nations	Doses	0	3	0	0	3
	%	0.0	0.4	0.0	0.0	0.4
TOTAL	Doses	1	153	0	0	154
	%	0.1	21.5	0.0	0.0	21.6
Other						
Non-First Nations	Doses	63	0	0	0	63
	%	8.8	0.0	0.0	0.0	8.8
TOTAL	Doses	63	0	0	0	63
	%	8.8	0.0	0.0	0.0	8.8
60 - Parkland - Total	Doses	524	168	20	0	712
	%	73.6	23.6	2.8	0.0	

Pneumococcal Vaccine Doses Administered by Provider Type

January 1 - December 31, 2002

		High Risk	No Reason	No Risk	Outbreak Immunization	Total Doses
70 - Norman						
Public Health Nurse						
Non-First Nations	Doses	140	3	0	0	143
	%	70.0	1.5	0.0	0.0	71.5
First Nations	Doses	7	4	0	0	11
	%	3.5	2.0	0.0	0.0	5.5
TOTAL	Doses	147	7	0	0	154
	%	73.5	3.5	0.0	0.0	77.0
Physician						
Non-First Nations	Doses	0	1	0	0	1
	%	0.0	0.5	0.0	0.0	0.5
TOTAL	Doses	0	1	0	0	1
	%	0.0	0.5	0.0	0.0	0.5
Other						
Non-First Nations	Doses	39	2	0	0	41
	%	19.5	1.0	0.0	0.0	20.5
First Nations	Doses	3	1	0	0	4
	%	1.5	0.5	0.0	0.0	2.0
TOTAL	Doses	42	3	0	0	45
	%	21.0	1.5	0.0	0.0	22.5
70 - Norman - Total	Doses	189	11	0	0	200
	%	94.5	5.5	0.0	0.0	
80 - Burntwood						
Public Health Nurse						
Non-First Nations	Doses	53	4	0	0	57
	%	49.1	3.7	0.0	0.0	52.8
First Nations	Doses	43	1	2	0	46
	%	39.8	0.9	1.9	0.0	42.6
TOTAL	Doses	96	5	2	0	103
	%	88.9	4.6	1.9	0.0	95.4
Physician						
Non-First Nations	Doses	0	4	0	0	4
	%	0.0	3.7	0.0	0.0	3.7
TOTAL	Doses	0	4	0	0	4
	%	0.0	3.7	0.0	0.0	3.7
Other						
Non-First Nations	Doses	1	0	0	0	1
	%	0.9	0.0	0.0	0.0	0.9
TOTAL	Doses	1	0	0	0	1
	%	0.9	0.0	0.0	0.0	0.9
80 - Burntwood - Total	Doses	97	9	2	0	108
	%	89.8	8.3	1.9	0.0	
90 - Churchill						
Public Health Nurse						
Non-First Nations	Doses	2	0	0	0	2
	%	40.0	0.0	0.0	0.0	40.0
First Nations	Doses	3	0	0	0	3
	%	60.0	0.0	0.0	0.0	60.0
TOTAL	Doses	5	0	0	0	5
	%	100.0	0.0	0.0	0.0	100.0
90 - Churchill - Total	Doses	5	0	0	0	5
	%	100.0	0.0	0.0	0.0	

Pneumococcal Vaccine Doses Administered by Provider Type

January 1 - December 31, 2002

		High Risk	No Reason	No Risk	Outbreak Immunization	Total Doses
95 - Unknown						
Physician						
Non-First Nations	Doses	0	1	0	0	1
	%	0.0	1.5	0.0	0.0	1.5
TOTAL	Doses	0	1	0	0	1
	%	0.0	1.5	0.0	0.0	1.5
First Nation/Tribal Council						
First Nations	Doses	5	0	0	0	5
	%	7.4	0.0	0.0	0.0	7.4
TOTAL	Doses	5	0	0	0	5
	%	7.4	0.0	0.0	0.0	7.4
Other						
Non-First Nations	Doses	56	0	0	0	56
	%	82.4	0.0	0.0	0.0	82.4
First Nations	Doses	6	0	0	0	6
	%	8.8	0.0	0.0	0.0	8.8
TOTAL	Doses	62	0	0	0	62
	%	91.2	0.0	0.0	0.0	91.2
95 - Unknown - Total	Doses	67	1	0	0	68
	%	98.5	1.5	0.0	0.0	
99 - Non Manitoba						
Public Health Nurse						
Non-First Nations	Doses	0	1	0	0	1
	%	0.0	25.0	0.0	0.0	25.0
TOTAL	Doses	0	1	0	0	1
	%	0.0	25.0	0.0	0.0	25.0
Other						
Non-First Nations	Doses	2	0	1	0	3
	%	50.0	0.0	25.0	0.0	75.0
TOTAL	Doses	2	0	1	0	3
	%	50.0	0.0	25.0	0.0	75.0
99 - Non Manitoba - Total	Doses	2	1	1	0	4
	%	50.0	25.0	25.0	0.0	